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1898 Annual
Illustrated
Catalogue
of

SEEDS

A. TILTON
& SON.

85-87 WOODLAND AVE.,
CLEVELAND, O.



WE ARE

"Careful Seeds= men,"

GROWERS,
IMPORTERS.

IN JUSTICE to ourselves and our trade, we warn you and emphatically repeat that there is an immense amount of **disreputable seed** on the market : seed produced by careless growers and put on sale by unscrupulous dealers : grown from doubtful stocks, at small cost, and **offered at ridiculously low prices**, which in themselves are proof of the worthlessness of the goods.

A word to the wise is sufficient : TO BUY SUCH SEED IS FALSE ECONOMY.

We do not attempt to compete in prices with irresponsible dealers.

Our critical trade demands **the best seeds**, and we handle absolutely nothing which we do not believe to be the best that can be produced, and we offer such **at prices as low as true reliable stock can be furnished.**

In the production of this class of goods the utmost care and watchfulness on our part is required, and with a view to maintaining and expanding our reputation as "**Careful Seedsmen**" we have established Trial Grounds on our farm, a few miles south of Cleveland. Here will be tested any novelty which comes to our notice, before it finds a place in our catalogue ; the quality of our stocks will also be proven, so that before we sell them we will be convinced that they are of true character.

Believing that our conscientious endeavors will meet an approving response, we remain,

Very truly,

A. TILTON & SON.

REMARKS—Read Carefully Before Purchasing.

Terms.—Our terms are strictly cash. Remittances should accompany all orders.

Prices. Are quoted by the packet, ounce, pound, quart and bushel. They are the prices ruling at this date, and do not include cost of transportation.

Postage.—We send postpaid to any postoffice in the United States, all packets, ounces and two ounces of Flower and Vegetable Seeds. On all seeds by weight where quantity exceeds that above mentioned, 8 cents per pound must be added for postage. On corn 5 cents per pint, 10 cents per quart, and on Beans and Peas 8 cents per pint and 15 cents per quart must be added for postage.

Rates of postage on Bulbs and Plants will be found under their respective headings.

All seeds or plants sent by express or freight will be sent at expense of purchaser.

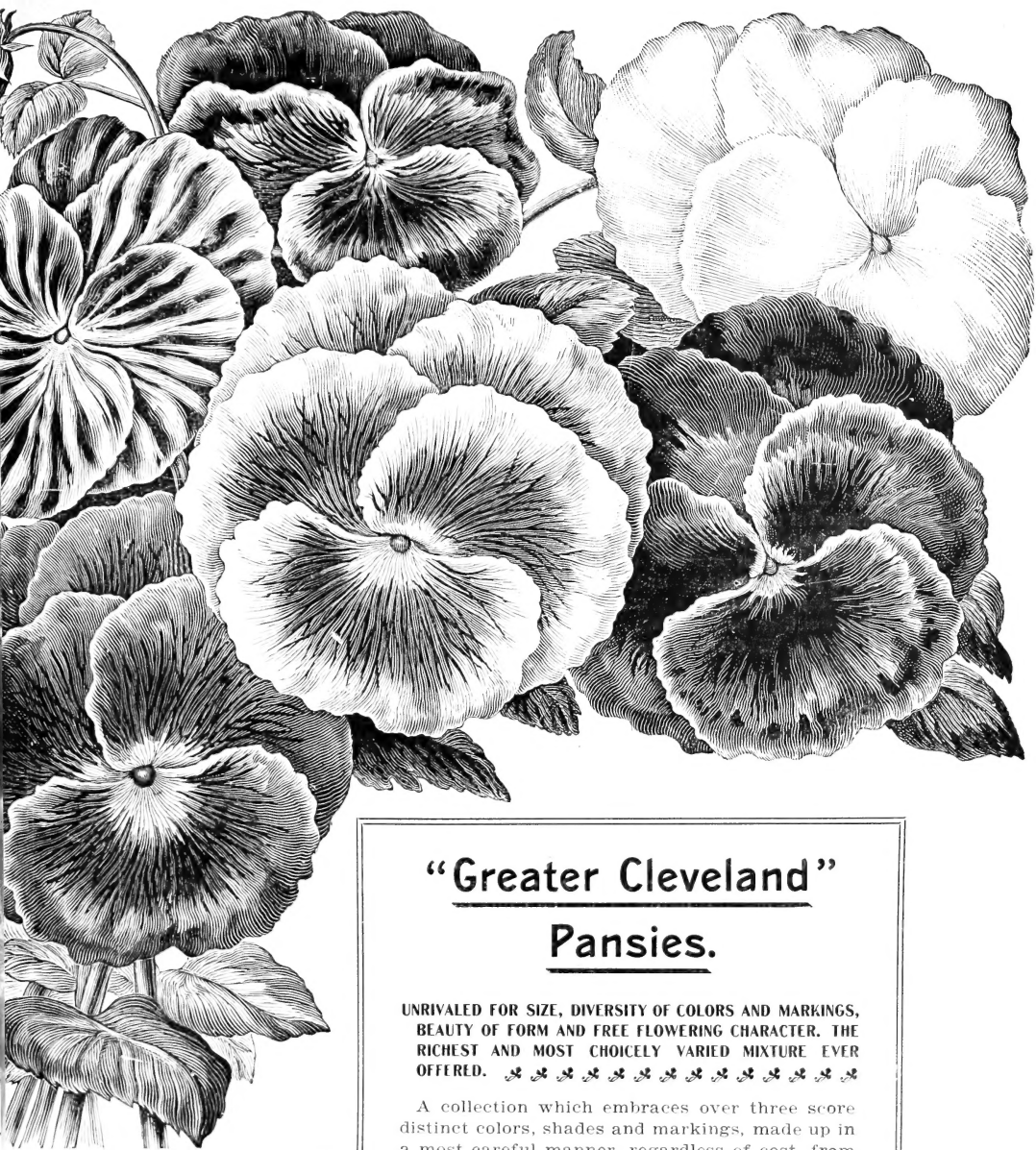
Packing.—We make no charge for boxes, barrels or packing, or delivery to depots, boats or express office.

Bags.—When bags are required they are charged at cost only.

Remittances.—Remittances may be made by New York Draft, Post Office Money Order, Registered Letter, or by Express.

Address.—In ordering be particular to sign your Name, Post Office, County and State plainly, also mention the mode of transportation you prefer—whether by Mail, Express or Freight.

Warrants.—There are hundreds of contingencies continually arising to prevent the best seeds always giving satisfaction, and for this reason we wish to state explicitly that while we have used the greatest care in selecting our stock, to have it true to name, pure and reliable, our seeds are sold without any warranty expressed or implied, and without any responsibility in respect to the crop.



"Greater Cleveland" Pansies

WILL ASTONISH AND
DELIGHT EVERYONE
WHO PLANTS THEM.

Per pkt., (250 seeds) 25c.
5 pkts., \$1.00

"Greater Cleveland" Pansies.

UNRIVALED FOR SIZE, DIVERSITY OF COLORS AND MARKINGS,
BEAUTY OF FORM AND FREE FLOWERING CHARACTER. THE
RICHEST AND MOST CHOICELY VARIED MIXTURE EVER
OFFERED. ❀ ❀ ❀ ❀ ❀ ❀ ❀ ❀ ❀ ❀ ❀ ❀ ❀ ❀ ❀ ❀

A collection which embraces over three score distinct colors, shades and markings, made up in a most careful manner, regardless of cost, from the choicest strains produced on the pansy seed farms and trial grounds of American, English, German and French specialists. It contains all the solid or self colors, dark and light marbled varieties; others with clear, distinct eyes, large stained, blotched, mottled and striped kinds; silver edged, mahogany spotted, gold margined and many entirely new shades that can only be had in this mixture, including several new and grand sorts secured this season. The plants are of compact growth, and flower very profusely, producing flowers of fine forms measuring from 2½ to 4 inches in diameter, and continuing to bloom most freely throughout the entire summer.

NEW IMPERIAL JAPANESE MORNING GLORIES.

The Handsomest and Most Interesting Race of Climbers Ever Introduced. Unsurpassed for Beauty.
Gigantic Flowers of Exquisite Colors. Magnificent Foliage.

These grand new Morning Glories from Japan are remarkable for the large size and exquisite new colors of the flowers and magnificent foliage of various forms and markings. Of strong, robust growth, attaining a height of 30 feet during the Summer. The flowers are of gigantic size, measuring 4 to 6 inches across, of good substance, remaining open the greater part of the day. The colorings are beyond description, and range from snow-white to black-purple through all the shades of blue and red; some are streaked, mottled, striped, marbled and bordered in wonderful profusion. The Imperial Japanese Morning Glories are of the easiest culture; can be sown in the open ground in almost any situation, as soon as the weather becomes warm and settled. Everyone should try them.

Per pkt., 10c. Three pkts., 25c.
Oz., 75c.



NEW DWARF SWEET PEA--PINK CUPID.

This is not a sport from the original White Cupid, but an actual departure from the tall Blanche Ferry. In habit and manner of growth it is strictly a Cupid, growing from 6 to 8 inches high, and shooting up stems about six inches long, which bear from 3 to 4 handsome blossoms, all borne close to the end of the stem. The flowers are of full size and good substance. The standard is bright rose-pink and the wings are pure white or light pink. The seed which is black, is of strong germination, and the plant an early bloomer, vigorous and hardy. Like the white Cupid, it is desirable both for pot culture and planting in the open ground and valuable also as a plant for edgings. Regular size packet (containing 24 seeds) 25c; 5 pkts. \$1.00; half size pkt. (containing 12 seeds) 15c; 2 pkts. 25c; 10 pkts. \$1.00.



PINK CUPID.



Davis Kidney Wax Bean.

THE BEST WAX PODDED BUSH BEAN IN CULTIVATION.

**Enormously
Productive**

**Long, Straight,
Handsome Pods**

Clear White Seed

**The Best Bean for
Market Gardeners**

Per pkt. 5c., qt. 25c.,
2 qts. 40c., bu. \$4.00

The vines are vigorous, hardy, of upright growth, and bear near the center, many clusters.

Rustless, and of clear waxy white color; when young are entirely stringless, brittle, crisp and tender.

The dry beans are large, kidney-shaped, very attractive, and excellent for baking.

A comparative test of this variety at our trial grounds has convinced us that it is the best wax bean for market use, because of its hardness, productiveness, handsome appearance, its good shipping and selling qualities and the small proportion of waste or second quality pods.

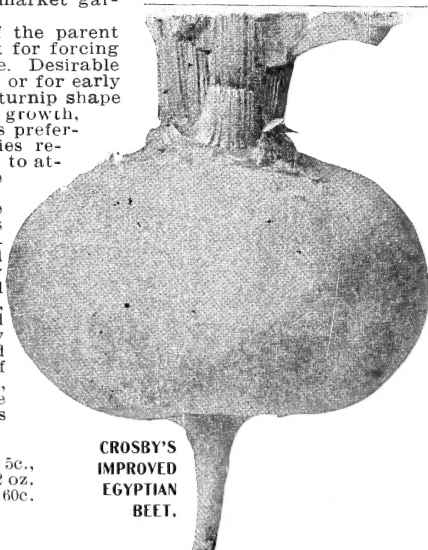
Crosby's Improved Egyptian Beet. A SUPERIOR STRAIN OF THE WELL-KNOWN EARLY EGYPTIAN.

The result of years of careful selection, by a noted eastern market gardener.

Retains the earliness of the parent stock and is the best beet for forcing or for first-sowing outside. Desirable for small beets for forcing or for early market, as it assumes its turnip shape in the early stages of growth, and on this account is preferable to other varieties requiring a longer time to attain a marketable shape and size.

Is of handsome form, not so flat as the ordinary Egyptian nor as round as the Early Eclipse; of good size, fine quality, dark blood red color, with very small tap root and few small tops. Of very rapid growth, and may be sown outside as late as July.

Per pkt. 5c.,
oz. 10c., 2 oz.
15c., lb. 60c.



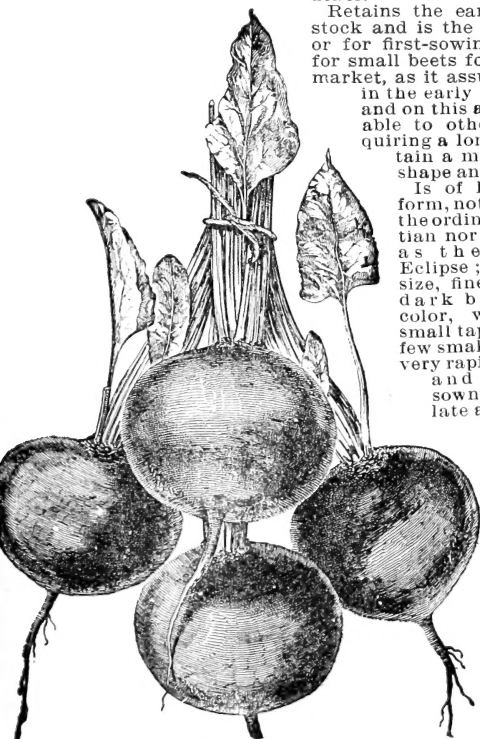
**CROSBY'S
IMPROVED
EGYPTIAN
BEET.**

COLUMBIA BEET.

A distinct new Beet of handsome turnip shape, with smooth clear skin and deep blood red flesh. It grows as quickly as the Egyptian, and does not become coarse and stringy when grown to a large size. Very even in growth, and of excellent quality. The foliage is small, and of dark bronze red color. A splendid variety for winter, grown from seed in July. Per pkt. 5c., oz. 10c., 2 oz. 15c., lb. 60c.

Detroit Dark Red Turnip Beet.

One of the best dark red turnip beets in cultivation. Has become a great favorite with market gardeners, and for the home garden there is none better. It is very handsome, of perfect form and beautiful, deep bright red color, crisp, tender and sweet. Its small upright-growing tops, early maturing, and the splendid shape and color of the roots, make it popular with everyone who plants it. Remains a long time in condition for use. Recognized as a great improvement in turnip-shaped beets for table use. Per pkt. 5c., oz. 10c., 2 oz. 15c., lb. 60c.



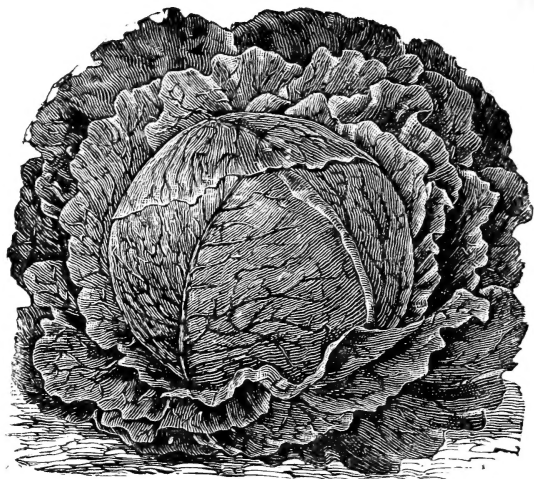
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A New Winter Cabbage, "The Lupton."

AN EXCELLENT MAIN CROP CABBAGE.

Combines the good qualities of the best second early varieties with that of long-keeping. It is earlier than most winter sorts, and fully as large. Heads are very solid, with few loose leaves, and do not crack open when mature, as a great many late Cabbage do; stalk rather short, color dark green. One of the best keepers, and comes out in spring bright and fresh. Per. pkt. 5c., oz. 20c., 2 oz. 35c., lb. \$2.60.



THE LUPTON CABBAGE.

Holland Cabbage. (Danish Ball-Head).



HOLLAND CABBAGE.

The hardest heading, finest grained and best keeper of any cabbage grown. Distinct from all others.

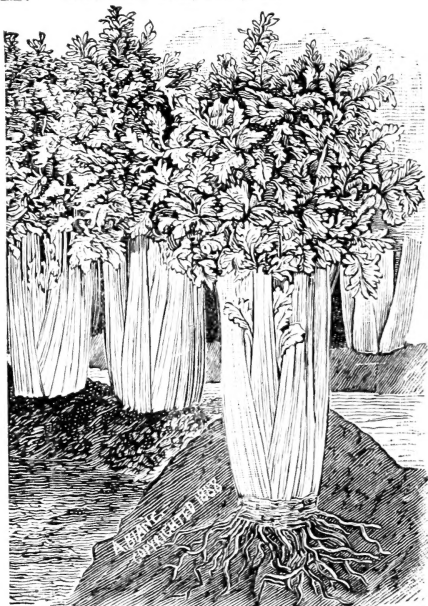
Forms heads of medium size averaging a weight of eight pounds; very solid and deep, and of a fine white color. It is remarkable for its keeping qualities when buried over winter, the heads being as solid and perfect when taken up in the spring as when they were put away in the fall. The best variety for spring sales after all other sorts are gone, at which time it commands a high price. Our stock is genuine, and comes to us direct from the most reliable growers, and will be found much superior to many strains now offered. Per pkt. 5c., oz. 30c., 2 oz. 50c., lb. \$3.00.

Japanese Climbing Cucumber.

The vines are strong and vigorous, and adapt themselves to poles, trellises, or any suitable support. They bear abundantly throughout the season, and the climbing habit affords the fruit such freedom of growth that they often attain a length of 12 to 16 inches. The cucumbers are thick, tender and of fine flavor; flesh pure white and skin dark green. When young they make very attractive pickles. Per pkt. 5c., oz. 10c., 2 oz. 15c., lb. \$1.00.

Pink Plume Celery.

Identical with the White Plume, except that the stalks and leaves are suffused with a delicate pink tint, which makes them very attractive when placed on the table. It is as easily blanched as the White Plume and retains the crispness, nutty flavor and long keeping qualities of the red celeries. Per pkt. 5c., oz. 25c., 2 oz. 40c., lb. \$2.50.



PINK PLUME CELERY.

BURBANK'S EARLY MAINE SWEET CORN.

THE EARLIEST LARGE SUGAR CORN.

PURE WHITE COB: LARGE WHITE EARS.

We recommend it as a Superior Sort for Market Gardeners.

Free from the red color of other extra early varieties.

Without doubt the largest early Sweet Corn; claimed to be from 3 to 5 days earlier than Cory, and has many advantages over that famous variety.

The ear is much longer and larger, with a pure white cob, and rich cream-white color, sweet and juicy. The stalks grow to medium height, and on good ground will yield on an average, two good ears.

For large white ears, sweetness, and length of time it remains fit for use, it is one of the most desirable. Per pkt. 5c., qt. 15c., 2 qts. 25c., bu. \$2.50.

EARLY CHAMPION SWEET CORN.

EARLY. LARGE EARS. PURE WHITE.

A Splendid Variety for Market or Home Use.

It ripens a few days later than Cory, with an ear larger than Concord. It is 10 to 12 rowed, with medium sized white cob, pure white kernels, which are tender and sweet. Its earliness and large size make it a most desirable variety for market gardeners as well as for the home garden. It is becoming a leader among the early sorts, and we do not hesitate to recommend it as one of the best. Per pkt. 5c., qt. 20c., 2 qts. 30c., bu. \$3.00.



TILTON'S TWELVE ROWED SWEET CORN.

AN EXCELLENT VARIETY OF OUR OWN INTRODUCTION.

The Best Medium Early or Main Crop Corn.

Superior in Every Respect.

As a variety to plant for profit it is unsurpassed on account of its productiveness, while for home garden use its excellent quality commends it to all.

It is not a mammoth sort, but a strong vigorous grower, of medium height, producing from three to four good sized, marketable ears to a stalk. The ears are of handsome shape, well filled to the tip, twelve-rowed, rows evenly set on the cob. The grain is pure white, of delicious quality, sweet, rich and tender.

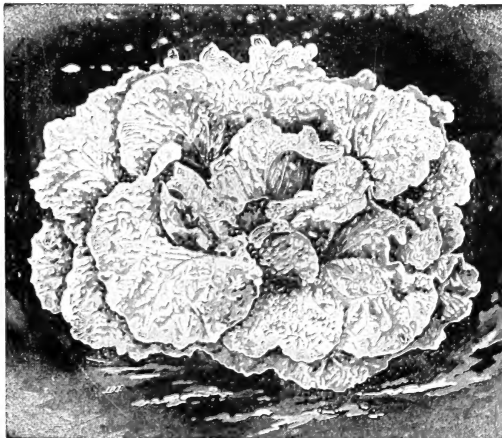
We recommend it to the market gardener as the best variety for market purposes, and for the home garden, as one of the most desirable varieties offered. Per pkt. 5c., qt. 20c., 2 qts. 30c., bu. \$3.00.



Golden Beauty Lettuce.

ONE OF THE FINEST SORTS EVER
ADDED TO THE LIST OF LETTUCES.

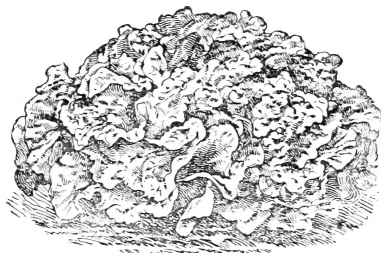
Introduced by us in 1892, and from the thorough trials accorded it has given pronounced satisfaction everywhere. It is not only THE BEST LETTUCE FOR FORCING under glass in greenhouse or hot-bed, but is EQUALLY VALUABLE FOR GROWING IN COLD FRAMES OR OPEN GROUND. In its bright golden color, crispness and good keeping qualities, it stands unapproached by any other variety. It forms a large central cluster of thick, slightly ruffled leaves, that make almost a head, blanching thoroughly, and in flavor unsurpassed. Per pkt. 5c., oz. 25c., 2 oz. 40c., lb. \$2.50.



GOLDEN BEAUTY LETTUCE.—From a Photo.

TILTON'S WHITE STAR LETTUCE.

A Grand Variety of Our Own Introduction.



TILTON'S WHITE STAR LETTUCE.

Is recognized throughout the entire country as the most valuable sort for forcing and early outdoor planting. Its favorable characteristics have made it a standard variety.

Enormous in Production! Rapid in Growth!
Large Loose Heads!

A distinct variety, and a universal favorite with market gardeners. It forms a large loose head of light colored, savoyed leaves. Blanches well and is of excellent quality. It is a superior variety for shipping, as its thick green leaves retain a fresh appearance longer than any other variety. Per pkt. 5c., oz. 15c., 2 oz. 25c., lb. \$1.50.

Extra Selected Yellow Globe Danvers Onion.

The Finest Strain in Cultivation. Distinct from the old type of Yellow Globe Danvers.
Superior in Productiveness, Shape and Size. Matures Early and Ripens Uniformly.
The Most Profitable Onion for the Market Gardener.

This special strain of Yellow Globe Danvers Onion is THE RESULT OF CAREFUL SELECTION, and combines all the desirable qualities of a market onion.

It is grown from selected hand picked bulbs, none but those of perfect size and shape being set for seed.

Of PERFECT GLOBE SHAPE, rich orange yellow color, with VERY SMALL NECK; fine grained, solid, mild flavor and excellent quality.

It is well adapted to all classes of soils and especially good for marsh lands, on account of its quick maturing qualities. The Onions are the VERY BEST OF WINTER KEEPERS. Its handsome appearance, long keeping qualities and enormous productiveness commend it to all onion growers. Per pkt. 5c., oz. 15c., 2 oz. 25c., lb. \$1.25.

PEAS.

Nott's Excelsior.

A POPULAR NEW VARIETY.

THE BEST EXTRA EARLY DWARF WRINKLED PEA.
EARLY, VIGOROUS, PRODUCTIVE.

Surpassing in earliness, yield and quality. The vines are larger and more vigorous than American Wonder, of even, regular growth, about 15 inches high. Pods are fully one-third larger than any other dwarf, wrinkled variety, and contain from six to eight fine large peas which in sweetness and quality are superior. Per pkt. 5c., qt. 25c., 2 qts. 40c., bu. \$4.00.

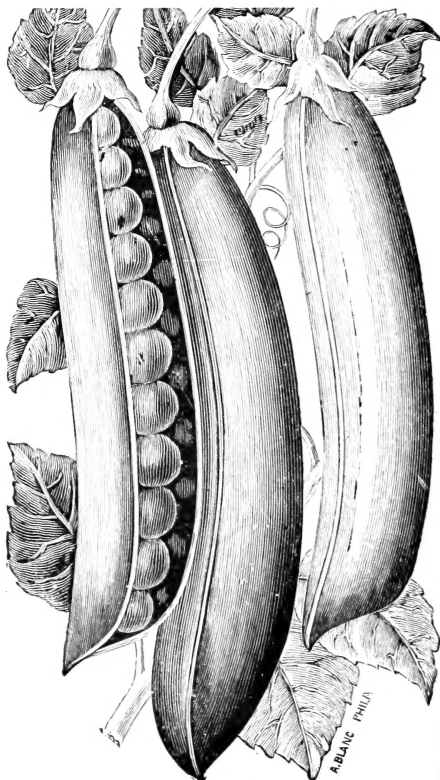
Sharpe's Queen.

ONE OF THE BEST OF THE LARGE
PODDED SORTS.

A green, wrinkled, main crop variety, growing two to two and a half feet in height. The PODS ARE VERY LARGE, slightly curved, produced mostly in pairs, and are packed full of large oval dark green peas of a delicious flavor when cooked.

The vines are of sturdy growth, and are covered with pods from bottom to top. On account of its branching habit it may be sown more thinly than most varieties.

This pea is without question, the finest of late introductions, and we offer it with the greatest confidence in its merits. It is bound to become a great favorite with market gardeners. Per pkt. 5c., qt. 25c., 2 qts. 40c., bu. \$4.50.



SHARPE'S QUEEN PEA.

NEW PEA: TILTON'S "CLEVELAND MARKET."

The Pea for the Market Gardener.

A Grand Variety for General Crop.

INTERMEDIATE.
WRINKLED.
SEMI-DWARF.



Enormously
Productive.

Uniform in
Ripening.

Large, Showy
Pods and Peas.



The vines are vigorous, with but few branches, and have stout stiff stems and coarse light green foliage; grow about 3½ feet high, and are covered with pods from bottom to top. The large straight pods are produced in pairs, and when fit to pick are rich dark green color. Each pod contains 9 or 10 large fine peas, which in flavor and quality are unapproached by any other variety. Its great superiority will make this sort a favorite with every grower, and you should not fail to try it. Per pkt. 5c., qt. 30c., 2 qts. 50c., bu. \$6.00.

The Best Long Forcing Radishes.

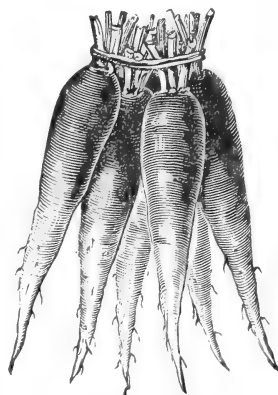
GLASS. OF QUICK GROWTH.
BRIGHT COLOR. SMALL TOPS.
VERY POPULAR WITH MARKET GARDENERS.

The roots are half-long, of uniform size, rose-pink color shading into white at the tips. They mature in thirty days and remain crisp and brittle if grown to a large size.

The flesh is transparent white and very mild flavored. On account of its fine transparency this radish was named "Glass." It meets with much favor with everyone who grows it. Per pkt. 5c., oz. 10c., 2 oz. 15c., lb 60c.

Cincinnati Market.

Without doubt the finest Long Red Radish for forcing. The tops are so very small that the radishes may stand touching each other in the rows. The roots are perfectly smooth, and from 6 to 7 inches in length. Their attractive glossy, scarlet colored skin is very thin and the flesh crisp and brittle, and of delightfully pungent flavor. Per pkt. 5c., oz. 10c., 2 oz. 15c., lb. 75c.



GLASS RADISH.

Hadlow's Extra Early Mammoth Rhubarb.



A GRAND NEW SEEDLING.
THE EARLIEST VARIETY EVER INTRODUCED.



For Forcing—Ahead of All Others;
For Out-door Growing—Unequaled.

OF EXTREMELY
RAPID GROWTH.
VIGOROUS—
PRODUCTIVE.

LARGE STALKS OF ATTRACTIVE COLOR.

This new seedling pie-plant was propagated from seed of the Victoria variety, by Mr. John Hadlow, a well known Cleveland Market Gardener.

It is of vigorous growth, and very productive; the leaf stalks are long, broad, very heavy and of most attractive color.

A grand feature of this novelty, one which makes it a most PROFITABLE SORT FOR MARKET USE, is its earliness, being AT LEAST TEN DAYS EARLIER THAN ANY OTHER VARIETY in cultivation. We recommend it to all growers. Do not fail to try it. Large roots, each 75c., per doz. \$8.00.

VICTORIA SPINACH.

A new variety of the round-leaved type, introduced from Germany a few years since. Has been thoroughly tried in many sections of this country, and has proved an acquisition to the list of spinach. It matures later than most varieties, is of very thrifty growth, and especially suitable for spring sowing on account of its long standing qualities. The leaves are large, thick, heavily crimped, and of very dark green color. Per oz. 5c., lb. 25c., 5 lbs. \$1.00, 10 lbs. \$1.75.

WARTED HUBBARD SQUASH.

Combines the merits of the original Hubbard Squash with increased size, rougher, harder shell, improved quality and stronger constitution. Of very dark green color, almost black; distinguished by a dense covering of warty knobs, which justifies the name "Warted." Very thick flesh, and a good keeper. Per pkt. 5c., oz. 10c., 2 oz. 15c., lb. 75c.



GOLDEN HUBBARD SQUASH.

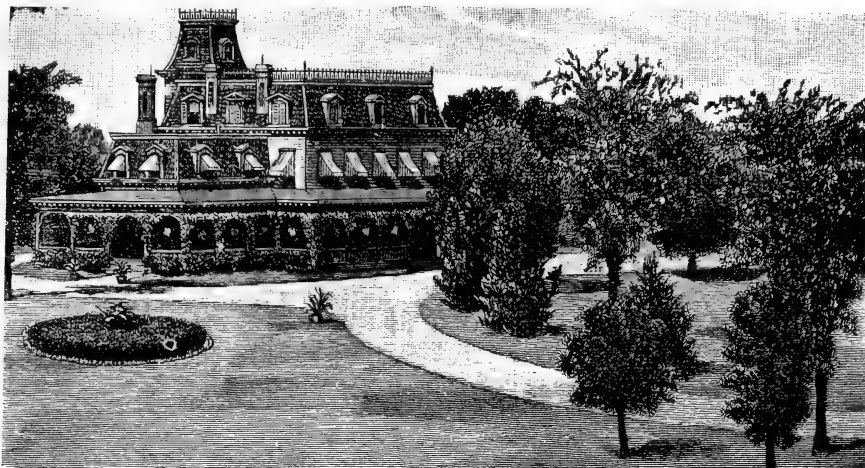
A very distinct sort of the shape and general character of the Hubbard. It has the hard rough shell, and the size and quality of the old favorite; matures earlier, keeps as well and is much more productive. In color, however, it is unlike any other, being a rich orange red. Per pkt. 5c., oz. 15c., 2 oz. 25c., lb. \$1.50.

Tilton's Fine Mixed Lawn Grass Seed.

It is PURE, CLEAN, HEAVY.

**WITH IT YOU CAN MAKE A HANDSOME LAWN
IN A FEW WEEKS' TIME.**

Will insure a close, velvety turf, maintaining its beautiful deep green color throughout the season.



A GOOD WELL-KEPT LAWN is one of the most pleasing features about a home, and a source of great pride to the possessor, while a poor one is the cause of constant annoyance and expense.

TO OBTAIN A BEAUTIFUL LAWN one must be particular, first, in the selection of seed; second, in the preparation of the soil.

In fitting the ground for a lawn, care should be taken to have the work done in a thorough manner, as in that condition it will last for years; but if slighted in the beginning, may result in partial or complete failure.

The soil should be properly drained, if necessary, thoroughly spaded and raked, making the surface as fine and smooth as possible, applying at the same time a liberal quantity of well-rotted manure, fine-ground bone, or Bowker's Lawn and Garden Dressing.

After the seed has been sown the ground should be raked or rolled lightly to cover it. If sown in the spring, sow as early as possible, the earlier the better if the soil is in good condition. If sown in the fall, sow before autumn rains have ceased, and before very cold weather. When the grass becomes established it should be frequently cut. The oftener it is mown the finer and softer the turf becomes. Frequent rolling is also indispensable to maintain the sod in good order. By adopting these means a velvety green lawn will be obtained.

OLD LAWNS may be improved and greatly benefited if, as early in spring as convenient, they are carefully raked so as to remove the dead grass and old leaves that may have collected, a liberal quantity of seed sown over the bare spots and thin places, and then thoroughly rolled or tamped with the back of a spade.

A WORD ABOUT SEED. No one kind of grass will produce a lawn that will retain its verdure throughout the season, but a mixture of several is essential, as some varieties are more luxuriant in the spring, others in the summer, and still others in the autumn, and a proper combination of these various sorts is required to create and maintain a permanent lawn.

TILTON'S FINE MIXED LAWN GRASS SEED is composed exclusively of the very best varieties of grass, such as are best adapted to produce a compact, velvety sod; it contains no annual grasses for making a quick show to the detriment of a good lawn, but only those of lasting value and hardiness, which, when once established, needs no reseeded for years. In the preparation of it we use only the choicest grades of seed—thoroughly recleaned and free from weeds or foreign seed. It has been used on many of the finest private grounds, whose lawns are models of perfection, and on the parks and boulevards of Cleveland for several seasons past, where its merits were thoroughly tested in comparison with many other mixtures.

One pound of this mixture is sufficient to sow a space 30x20 feet, or 600 square feet. Price, per lb., 25c.; per bu., 18 lbs., \$3.00.

Full Instructions how to make a Lawn on every Package.

LAWN SEED, as a rule, is sold by the quart, which is the most profitable way to the seedsman, for, it being very light seed, he will make more by selling it in this way.

We have always sold lawn seed by the pound, which is equal to nearly two quarts, and it can easily be seen that if we furnish a pound at the same price as it can be bought for by the quart, the purchaser will get more for his money.

VEGETABLE SEEDS.

$\frac{1}{2}$ oz. supplied at ounce rate; $\frac{1}{4}$ lb. at pound rate; $\frac{1}{2}$ peck at bushel rate.

ASPARAGUS.

Per packet, any variety, 5c.

	Oz.	2 Oz.	Lb.
Conover's Colossal. A standard sort; color deep green; quality good. ....	.05		\$0.30
Palmetto. Of large size, even and regular in growth and appearance; bright green color. ....	.10	.15	.50
Barr's Mammoth. Stalks very large with few scales; of light color. A desirable market variety. ....	.10	.15	.40
Columbian Mammoth White. Produces pure white shoots; requires no artificial blanching and brings in market better prices than any other sort. ....	.10	.15	1.00

ASPARAGUS ROOTS.

	Per 100	Per 1000
Colossal. Two years old. ....	.50	\$4.50
Palmetto. Two years old. ....	.60	5.00
Barr's Mammoth. Two years old. ....	.60	5.00
Columbian Mammoth White. Two years old. ....	.75	6.00

BEANS—Dwarf or Snap.

$\frac{1}{2}$ pecks supplied at bushel rates.

GREEN PODDED VARIETIES.

Per packet, (two ounces), any variety, 5c.

	Qt.	2 Qts.	Bu.
Emperor William. Very early; extensively used for pickling; large flat pods. ....	.25	.40	4.00
Early Mohawk. The hardiest of any; can be planted earlier than the more tender sorts. ....	.20	.30	3.00
Long Yellow—Six Weeks. Early; leading market variety; straight flat pods. ....	.20	.30	3.00
Canadian Wonder. Plants dwarf and compact; pods very long and of perfect form. ....	.25	.40	4.00
Refugee, or 1000 to 1. Late; largely grown for main crop; very productive and tender; highly esteemed for use as pickles. ....	.20	.30	3.00
Dwarf Horticultural. A popular variety; very productive. ....	.20	.30	3.00

FIELD SORTS.

California Tree. The most prolific variety for field culture yet known. The beans resemble the Navy. ....	.15	.25	2.50
Dwarf White Navy. A sure cropper; very prolific. ....	.15	.25	2.50
White Kidney. A superior variety for baking; beans kidney shaped. ....	.15	.25	2.50
White Marrow. Very prolific; beans large, clear white. ....	.15	.25	2.50

WAX PODDED VARIETIES.

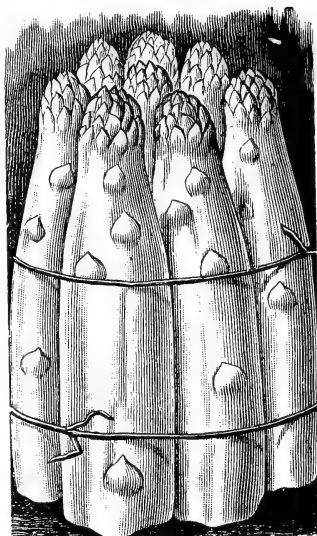
Per packet, any variety, 5c.

Improved Golden Wax. Very prolific; straight, thick; pods of a golden yellow color; free from rust. ....	.20	.30	3.00
Thorburn Refugee Wax. Very early; pods long, round, of a waxy yellow color; an immense yielder. ....	.20	.35	3.50
Golden-Eyed Wax. Hardy and prolific; straight, flat, yellow pods. ....	.20	.30	3.00
Davis Kidney Wax. The best of late introductions. Long, hand-some pods; an excellent market bean. ....	.25	.40	4.00
Currie's Rust-Proof Wax. Early and vigorous; entirely free from rust; pods long, flat, straight, of a golden yellow color. ....	.20	.35	3.50
Wardwell's Kidney Wax. A great favorite; very hardy, productive; free from rust; long, flat, waxy yellow pods; early. ....	.25	.40	4.00
Detroit Wax. Resembles Golden Wax, but is less liable to rust. ....	.20	.30	3.00

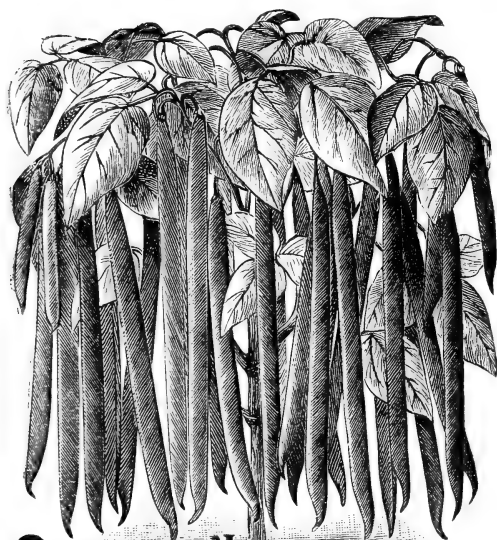
Our aim is to sell the very best stocks that can possibly be produced.



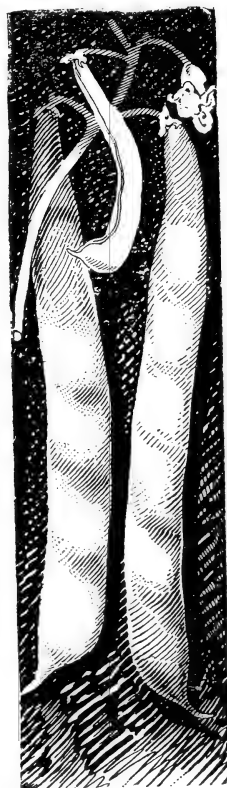
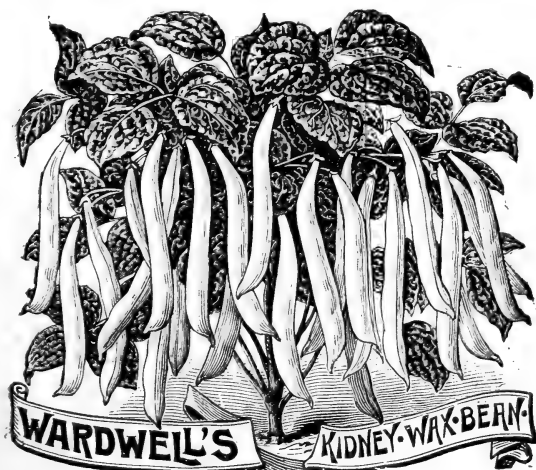
THORBURN REFUGEE WAX BEAN.



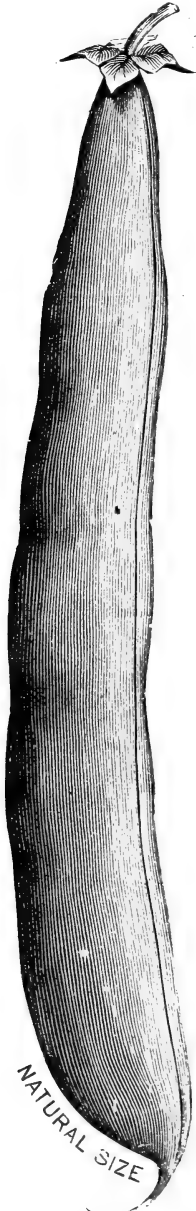
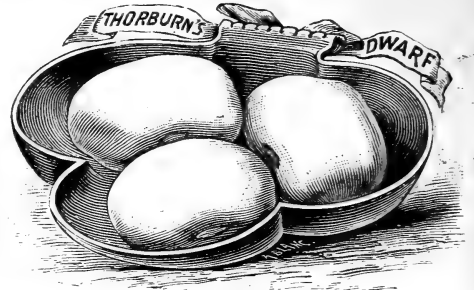
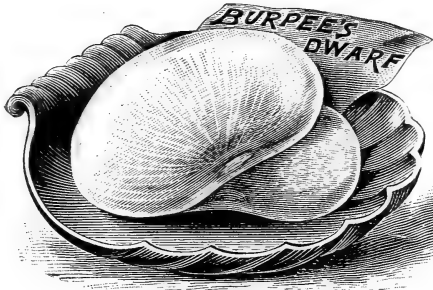
COLUMBIAN MAMMOTH WHITE ASPARAGUS.



CANADIAN WONDER BEAN

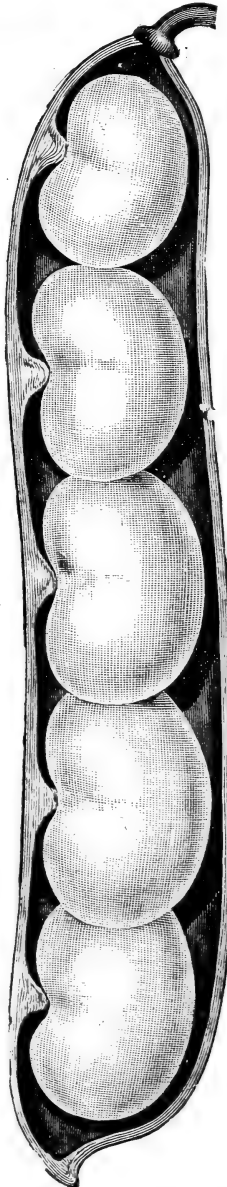


CURRIES' RUST PROOF WAX BEAN.

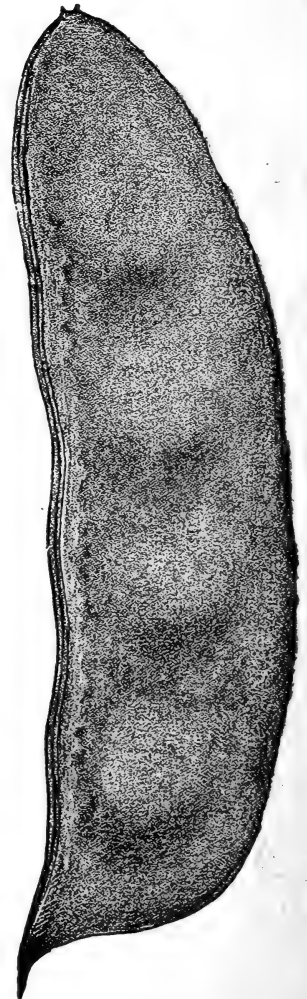


NATURAL SIZE

EMPEROR WILLIAM BEAN.



KING OF THE GARDEN
LIMA BEAN.



BURPEE'S BUSH LIMA BEAN.

Natural size of Pod.
Engraved from Nature.

BEANS—Continued.

	Qts.	2 Qts.	Bu.
Golden Wax. A popular and distinct variety; pods large, long and entirely stringless .....	.20	.35	\$3.50
German Black Wax. A well-known variety, producing short, round, curved, thick-fleshed pods.....	.20	.30	3.00
Violet Flageolet. Very showy and productive; pods long, flat, curved and twisted, of a golden wax color.....	.25	.40	4.00
Ivory Pod Wax. Pods medium, oval, creamy white and wax-like....	.25	.40	4.00

BEANS—POLE OR RUNNING.

Per packet, any variety, 5c.

Golden Cluster Wax. Early and productive; pods 6 to 8 inches long; golden yellow; borne in clusters of 3 to 6 from bottom to top of pole. ....	.25	.40	5.00
Kentucky Wonder. Fine green podded sort; early and productive; entirely stringless. ....	.25	.40	5.00
Lazy Wife's. A late green podded sort; broad, thick pods, 4½ to 6 inches in length. ....	.25	.40	5.00
Dutch Case Knife. Very early and prolific, with long, flat, irregularly shaped pods. A favorite for pickling.....	.25	.40	5.00
Scarlet Runner. Vines very ornamental, with dazzling scarlet flowers; beans large, of best flavor and quality.....	.25	.40	5.00
Early Jersey Lima. Earlier than Large White Lima; vines vigorous and productive. ....	.30	.50	6.00
Large White Lima, Extra Size. Pods large and broad; a well-known sort. The strain we offer is unsurpassed.....	.30	.50	6.00
King of the Garden Lima. Similar to the common Lima, but more productive; pods 6 to 8 inches in length.....	.30	.50	6.00

BEANS—BUSH LIMA.

Per packet, any variety, 5c.

Thorburn Dwarf Lima. Grows twelve to eighteen inches high; vigorous and productive. Pods short, thick; beans very thick and of delicious flavor.....	.30	.50	6.00
Burpee's Bush Lima. A bush form of the Large White Lima; grows 18 to 20 inches high; an immense yielder and a sure cropper. Pods large and handsome; beans identical in size and flavor with the Pole Limas.....	.30	.50	6.00

BEET.

Per packet, any variety, 5c.

	Oz.	2 Oz.	Lb.
Columbia. Round, smooth skinned; deep blood red flesh; very early, and of excellent quality. 5 lbs., 50c. per lb.....	.10	.15	.60
Crosby's Improved Egyptian. A selection from the well-known Egyptian Beet; very early and especially recommendable for forcing; tops small; deep blood red color. 5 lbs., 50c. lb.....	.10	.15	.60
Extra Early Egyptian. An early variety with small top; roots dark red; flat on top. 5 lbs., 40c. per lb.; 10 lbs., 35c. per lb.....	.10	.15	.50
Early Eclipse. Extra early, with small tops; roots round, dark red, zoned with lighter red. 5 lbs., 40c. per lb.; 10 lbs., 35c. per lb..	.10	.15	.50
Detroit Dark Red Turnip. Small upright tops; matures early; roots globular; dark blood red color. 5 lbs., 50c. per lb.....	.10	.15	.60
Edmund's Improved Blood Turnip. Very regular in growth; deep blood red color. 5 lbs., 40c. per lb.; 10 lbs., 35c. per lb.....	.10	.15	.50
Bastian's Early Blood Turnip. One of the earliest; roots turnip shaped; light color .....	.10	.15	.50
Early Turnip Bassano. Grows to large size; light color; best variety for greens .....	.10	.15	.50
Half Long Blood. Splendid for winter use. Flesh dark red; never becomes woody .....	.10	.15	.50
Long Smooth Blood. Roots large; dark red. Late variety and a good keeper .....	.10	.15	.50
Swiss Chard, or Sea Kale Beet. A distinct vegetable, used for greens or pickles .....	.10	.15	.50

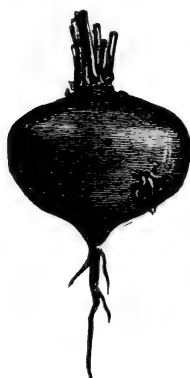
In comparing prices remember that we sell ¼ lb. at pound rate; ½ peck at bushel rate.



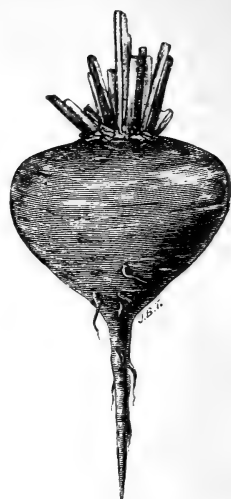
EXTRA EARLY
EGYPTIAN
BLOOD TURNIP BEET.



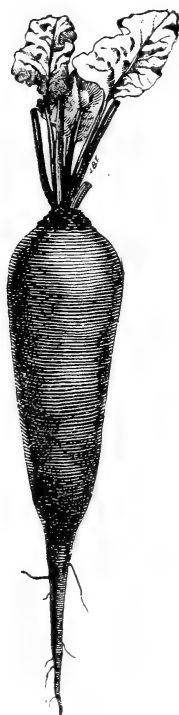
EARLY
ECLIPSE
BEET.



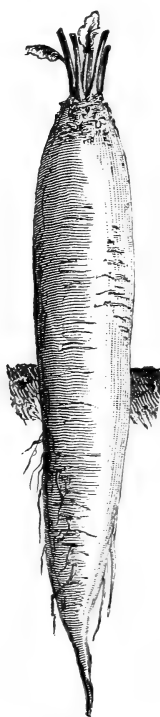
EDMUND'S IMPROVED
BLOOD TURNIP
BEET.



BASTIAN'S EARLY
BLOOD TURNIP BEET.



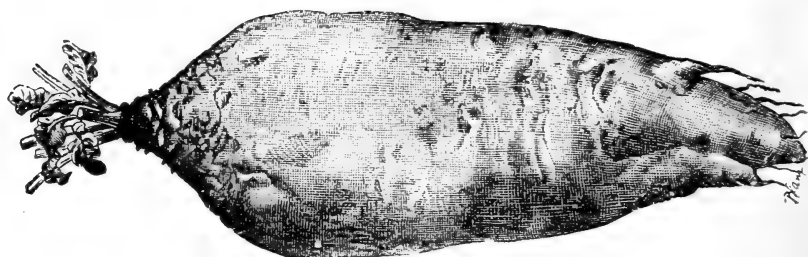
HALF LONG BLOOD
BEET.



LONG SMOOTH BLOOD
BEET.



GOLDEN TANKARD
MANGEL WURZEL.



MAMMOTH LONG RED MANGEL WURZEL.

BEETS—Continued.**BEETS FOR CATTLE FEEDING.**

	Oz.	Lb.
Mammoth Long Red Mangel Wurzel. A large variety; very productive. 5 lbs., 20c. per lb.....	.05	\$0.25
Norbiton Giant Mangel Wurzel. Very large, with straight, well-formed roots; scarlet color. 5 lbs., 20c. per lb.....	.05	.25
Golden Tankard Mangel Wurzel. Roots large, ovoid, yellow. Highly esteemed by the best dairymen. 5 lbs., 20c. per lb.....	.05	.25
Vilmorin's Improved Sugar. Grows to a large size; is useful for sugar making as well as stock feeding; a greatly improved variety....	.05	.25

BRUSSELS SPROUTS.

Per packet, 5c.

	Oz.	2 Oz.	Lb.
Perfection. Produces compact sprouts of excellent quality. Grows about 2 feet high.....	.15	.25	1.50

CABBAGE.

Per packet, any variety, 5c.

Early Jersey Wakefield. A standard early variety; held in high esteem by market gardeners generally.....	.20	.35	2.00
Charleston Wakefield. Heads the same shape as the Early Jersey Wakefield, but average about 50 per cent. larger, and mature a few days later .....	.25	.40	2.50
Early Winningstadt. A popular sure-heading early variety; heads large, solid, conical .....	.15	.25	1.50
Succession. Second early round-headed sort; heads up evenly; of good quality; in all respects desirable.....	.20	.35	2.00
Henderson's Early Summer. Produces large, flat, compact heads; second early .....	.20	.35	2.00
Burpee's All Head Early. A superior second early; heads deep, flat, solid, and uniform in shape and size.....	.20	.35	2.00
Early Dwarf Flat Dutch. One of the best second earlys. Heads solid, round, flat on top. Resists heat well.....	.20	.35	2.00
Fottler's Early Brunswick. Has very short stem; heads large, very flat, remarkably compact.....	.15	.25	1.50
All Seasons. Valuable for market gardeners; one of the best for second early or late; attains a large size; sure heading.....	.20	.35	2.00
Excelsior Late Flat Dutch. An improved strain of Late Flat Dutch..	.20	.35	2.00
Premium Flat Dutch. Large, remarkably hardy; a standard fall and winter sort .....	.15	.25	1.50
Surehead. A favorite main crop variety. Forms solid, firm heads of good size .....	.15	.25	1.50
Filderkraut. Good either for first or second crop; pointed heads....	.15	.25	1.50
The Lupton. A thoroughbred late cabbage; large heads; splendid keeper .....	.20	.35	2.00
Holland. Deep, solid heads of medium size, and fine white color; remarkable keeper .....	.30	.50	3.00
Large Late Flat Dutch. Low growing variety, with large, round, solid heads.....	.15	.25	1.50
Large Late Drumhead. For fall or winter. An excellent keeper....	.15	.25	1.50
Louisville Drumhead. Splendid market gardeners' variety; stands heat well .....	.15	.25	1.50
Stone Mason Drumhead. Exceedingly hardy; profitable variety for market purposes .....	.15	.25	1.50
Marblehead Mammoth Drumhead. The largest cabbage known....	.15	.25	1.50
Drumhead Savoy. Large size; head nearly round; color dark green..	.20	.35	2.00
Green Curled Savoy. Loose heads; hardy; second early.....	.20	.35	2.00
Mammoth Rock Red. The best red cabbage; sure heading; deep red color .....	.20	.35	2.00
Red Dutch. Hard, solid heads, of intense blood-red color.....	.15	.25	1.50

We invite your attention to our list of novelties.

THE Charleston Wakefield



EARLY DWARF FLAT DUTCH CABBAGE.



The original
Jersey Wakefield



EARLY WINNINGSTADT CABBAGE.



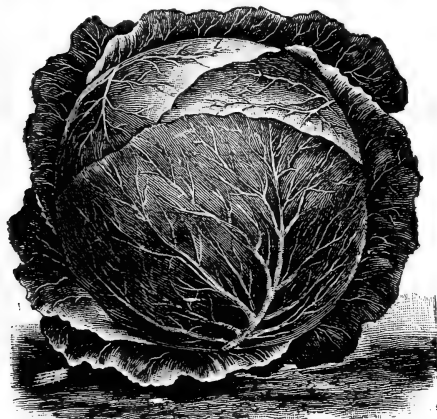
BURPEE'S
'ALL HEAD EARLY'
CABBAGE



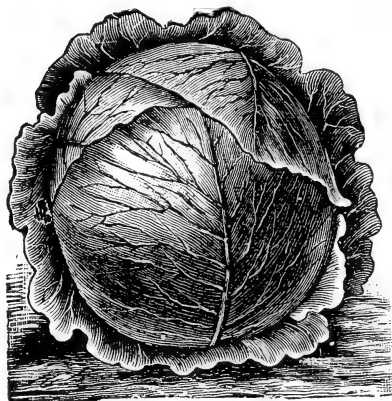
FOTTLER'S EARLY BRUNSWICK CABBAGE.



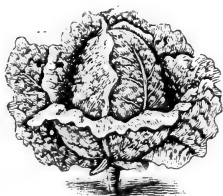
PREMIUM FLAT DUTCH CABBAGE.



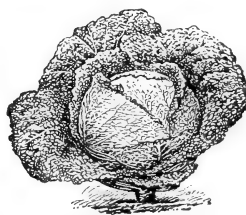
ALL SEASONS CABBAGE.



SURE HEAD CABBAGE.



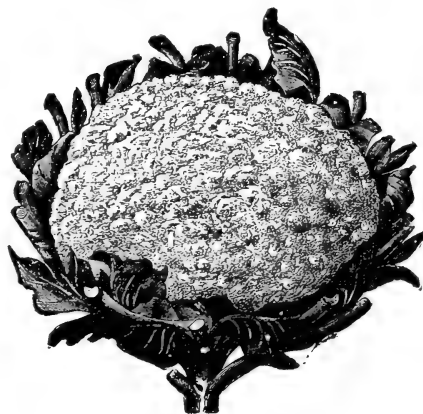
GREEN CURLED SAVOY CABBAGE.



DRUMHEAD SAVOY CABBAGE.



MAMMOTH ROCK RED CABBAGE.



EARLY SNOWBALL CAULIFLOWER.

CARROT.

	Per packet, any variety, 5c.	Oz.	2 Oz.	Lb.
Early Scarlet Horn. Best for early planting out of doors.....		.10	.15	\$0.60
Chantenay. Medium early; half long, stump-rooted, fine grained....		.10	.15	.60
Rubicon. Of uniform shape, earlier than Danvers, about the same length, but heavier and thicker at the shoulders; very productive; deep red orange color and of unexcelled quality.....		.10	.15	.75
Half Long Scarlet Nantes. Roots smooth, bright orange, of finest quality. ....		.10	.15	.60
Danver's Half Long. Best for field culture. Roots large, dark colored: uniform and handsome.....		.10	.15	.60
Half Long Carentan. Unsurpassed for fine quality and perfect shape; smooth, flesh red, coreless.....		.10	.15	.60
Ox Heart. Very thick and blunt; grows rapidly; flesh deep orange color .....		.10	.15	.60
Improved Long Orange. Long pointed roots; requires deep soil....		.10	.15	.50
Improved Large White Belgian. Root pure white; green above ground: used for stock feeding.....		.10	.15	.50
Victoria. Heavy cropper: orange yellow color; fine for feeding....		.10	.15	.60
Mastodon. Short thick; roots white; heavy cropper; for stock feeding. ....		.10	.15	.60

CAULIFLOWER.

		Pkt. ¼ Oz.	Oz.	Lb.
Early Favorite. An early, large growing kind; forms a large head, which is solid, crisp and tender; will make heads under more unfavorable conditions than any other.....		.10	.25 .75	10.00
Early Snowball. Early; reliable as a sure header; compact grower..		.25	.75 2.50	40.00
Selected Early Dwarf Erfurt Extra early, of dwarf habit, compact growth .....		.25	.75 2.50	30.00
LeNormand's Short Stem. One of the best; hardy, semi-dwarf; late..		.10	.25- .75	10.00

CELERY.

	Per packet, any variety, 5c.	Oz.	2 Oz.	Lb.
Giant Pascal. Thick, solid, crisp stalks; a fine keeper and shipper...		.20	.35	2.00
Golden Self-Blanching. Of compact growth; rich golden yellow color; blanches readily .....		.30	.50	3.00
White Plume. Requires but little earthing up to blanch; naturally white or light foliage. Valuable for market.....		.25	.40	2.50
Pink Plume. Very attractive: same as White Plume, except that stalks and leaves are tinged with pink.....		.25	.40	2.50
Kalamazoo White Dwarf. Half-dwarf, white, solid: easily blanched and a good keeper.....		.20	.35	2.00
Perfection Heartwell. Fine, large winter variety; solid heads; creamy white color; fine flavor.....		.20	.35	2.00
New Rose. The best red variety; of fine flavor; splendid for late use		.20	.35	2.00
Golden Heart. Of sturdy dwarf habit: solid and an excellent keeper		.20	.35	2.00
Crawford's Half Dwarf. Vigorous grower; yellowish white when blanched .....		.20	.35	2.00
Golden Dwarf. Very showy; solid, of fine flavor: rich yellow or golden color .....		.20	.35	2.00
Boston Market. Medium sized, hardy, of fine flavor. Stalks numerous, very solid .....		.20	.35	2.00
Soup or Flavoring Celery. Used for flavoring pickles, sauces, etc..		.05		.40

CELERIAC.

	Per packet, 5c.		
Large Smooth Prague. Roots large, smooth, almost round.....	.15	.25	1.50
Turnip Rooted. Turnip-shaped roots, with more side roots than above sort .....	.15	.25	1.50

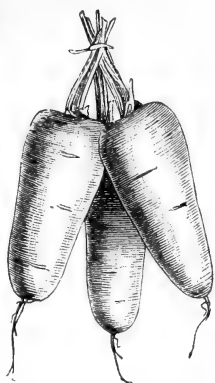
CHICORY.

	Per packet, 5c.		
Large Rooted. The dried roots are roasted and mixed with coffee or used as a substitute: cultivate same as carrot.....	.10	.15	.75

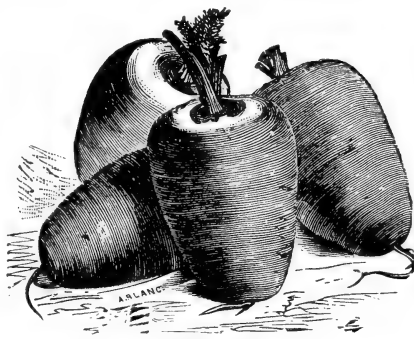
The wise planter considers more than the price in buying seeds.



EARLY SCARLET HORN
CARROT.



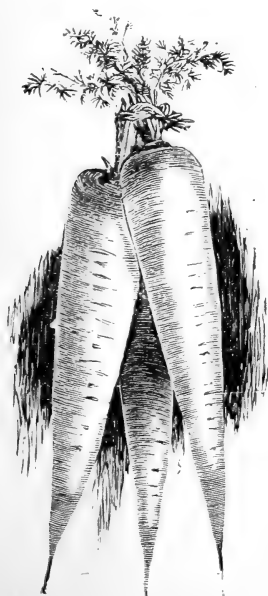
CHANTENAY CARROT.



OX HEART CARROT.



DANVER'S HALF LONG CARROT.

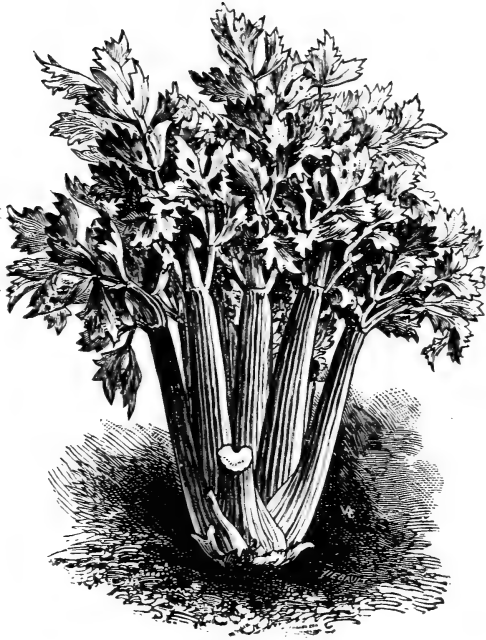


IMPROVED LONG ORANGE CARROT.



IMPROVED
GREEN
TOP
BELGIAN
CARROT.





GIANT PASCAL CELERY.



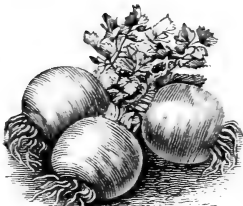
BOSTON MARKET CELERY.



GOLDEN HEART CELERY.



GOLDEN SELF-BLANCHING CELERY.

LARGE SMOOTH PRAGUE
CELERIAC.TURNIP ROOTED
CELERIAC.

CORN—Early Varieties. $\frac{1}{2}$ pks. supplied at bushel rates.

Per packet, any variety, 5c.

	Qt.	2 Qts.	Bu.
Burbank's Early Maine. The earliest large sugar-corn. A superior sort for market gardeners. Ears large size, 8-rowed; white cob and grain .....	.15	.25	\$2.50
Cory. A very early variety; red cob, large grain.....	.15	.25	2.00
White Cory. Is early and of same size as Cory, but has white cob....	.15	.25	2.50
Early Minnesota. Plant semi-dwarf. An excellent market variety; a little later than the preceding.....	.15	.25	2.00
Shaker's Early. Large, well-filled ears; kernels pearly white; fine flavor. ....	.15	.25	2.50
Perry's Hybrid. Very popular; medium height; large ears.....	.15	.25	2.50
Crosby's Early. Ears of good size, twelve-rowed; an excellent variety. ....	.15	.25	2.50
Kendel's Early Giant. A large early corn which promises to become a standard variety. ....	.25	.40	3.50
Early Champion. A splendid variety for market gardeners; large ears, early, pure white: 10 to 12-rowed.....	.20	.30	3.00

INTERMEDIATE AND MAIN CROP SORTS.

Moore's Early Concord. Large, handsome, 14-rowed ears.....	.15	.25	2.50
Tilton's Twelve Rowed. The best variety for main crop; very productive. Ears of good size, 12-rowed, medium length, well filled; grain sweet and rich.....	.20	.30	3.00
Hickox Hybrid. Valuable for market; very prolific, ears 12-rowed, with white cob and grain. Excellent for canning.....	.15	.25	2.50
Early Mammoth. Resembles the Mammoth, but ripens two weeks earlier. ....	.15	.25	2.50

LATE VARIETIES.

Country Gentleman. Handsome and attractive; of delicious quality. ....	.15	.25	2.50
Stowell's Evergreen. Remains green a long time; hardy, productive, tender and sugary.....	.15	.25	2.50
Zigzag Evergreen. An excellent variety. Kernels set irregularly on the cob. ....	.15	.25	2.50
Egyptian. Remarkably large ears; sweet and tender.....	.15	.25	2.00
Mammoth. Produces the largest ears of any sort. Quality excellent	.20	.30	3.00
Black Mexican. Of fine quality; ripe grain is bluish-black.....	.15	.25	2.50

FIELD CORN.

Rideout or Mercer. A large-eared flint variety, maturing in seventy-five days. ....	.10	.15	1.25
Minnesota White. An eight or ten-rowed white flint corn. Matures early .....	.10	.15	1.25
Longfellow. Eight-rowed, long, well-filled ears; yellow flint.....	.10	.15	1.25
Minnesota King. An early, yellow, half dent; sure cropper and abundant yielder .....	.10	.15	1.25
Champion Yellow Dent. A superior thoroughbred dent corn. Matures in 90 to 100 days; short thick stalks; long, well-filled ears; deep kernels. ....	.10	.15	1.25
Iowa Gold Mine. Popular yellow dent; has very long grain, and small red cob; matures in about 95 days.....	.10	.15	1.25
Champion White Pearl. A leading early pure white dent variety; matures in 100 days; large white kernel, small white cob.....	.10	.15	1.25
Pride of the North. Early dent variety; matures in 90 days; deep kernels and small cob.....	.10	.15	1.25
Improved Leaming. A yellow dent variety; ripens in from 90 to 110 days from planting. Ears large and handsome; deep, large grain. A strong grower .....	.10	.15	1.25

ENSILAGE CORN.

Red Cob. The best for ensilage or fodder purposes. An immense yielder. Sow broadcast, or in drills, three to four feet apart, at the rate of three-fourths to two bushels per acre. *	Price given upon application.
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We pay postage on all Flower and Vegetable Seeds in packets, ounces and two ounces.



CORY
CORN.



EARLY MINNESOTA
CORN.



CROSBY'S
EARLY
CORN.



MOORE'S
EARLY
CONCORD
CORN.



TILTON'S TWELVE
ROWED CORN.



STOWELL'S
EVERGREEN CORN.



MAMMOTH
SWEET CORN.



QUEEN'S GOLDEN POP CORN.



PRIDE OF THE NORTH
FIELD CORN.

CORN—Continued.**POP CORN.**

	Per Ear.	Per Doz. Ears.
Rice. Has no superior as a parching corn. Kernels long, pointed, white. ....	.03	\$0.25
Queen's Golden. Large ears; kernels large, rich golden yellow. ....	.03	.25

CORN SALAD OR FETTICUS.

Per packet, 5c.

	Oz.	2 Oz.	Lb.
Large Seeded. Large leaved; the best variety. 5 lbs., 50c. per lb. ....	.10	.15	\$0.60

CRESS.

Per packet, 5c.

Early Curled or Pepper Grass. Used as a salad; very warm and pungent. ....	.10	.15	.40
True Water. A delicious salad; only thrives when its roots and stems are submerged in water. ....	.30	.50	3.00

CUCUMBER.

Per packet, any variety, 5c.

Improved White Spine. The best market sort; very productive; largely used for pickles. ....	.10	.15	.60
Evergreen White Spine. Of great value; early and prolific; retains its fine deep green color during all stages of growth. ....	.10	.15	.60
Extra Long White Spine. Ten to twelve inches long; very straight; fine for pickles. ....	.10	.15	.50
Arlington White Spine. A selection from the White Spine, and one of the most perfect in shape, size, color and quality. ....	.10	.15	.60
Peerless White Spine. Early, prolific and of good size; color deep green; one of the best pickling Cucumbers. ....	.10	.15	.60
Chicago Pickling. Very popular and undoubtedly the best for pickles. ....	.10	.15	.60
Early Russian. Earliest and hardiest; small oval, covered with fine spines. ....	.10	.15	.50
Jersey Pickling. One of the best for pickles; uniform in size. ....	.10	.15	.50
Boston Pickling or Green Prolific. Fruit short, bright green; very productive. ....	.10	.15	.50
Improved Long Green. Fruit long; when young one of the best for pickles, and when ripe is the best for sweet pickles. ....	.10	.15	.60
Gherkin or Burr. A very small, oval-shaped prickly variety, distinct from all others; exclusively for pickling. ....	.10	.15	1.00
Japanese Climbing. Vines vigorous and of climbing habit. Very prolific; fruit 10 to 12 inches long, dark green; good for pickling or slicing. ....	.10	.15	1.00

EGG PLANT.

Per packet, 5c.

New York Improved Purple. The leading market variety; large, round, dark purple, thornless; most productive of any.40	.75	4.00
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ENDIVE.

Per packet, any variety, 5c.

White Curled. The most beautiful and attractive; leaves almost white.15	.25	1.50
Green Curled. Hardy; beautiful curled dark green leaves; blanches white. ....	.15	.25	1.50
Broad Leaved Batavian. Has broad, thick, plain leaves, which form a large head. ....	.15	.25	1.50

KALE.

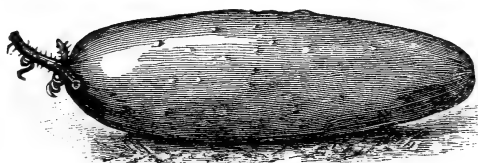
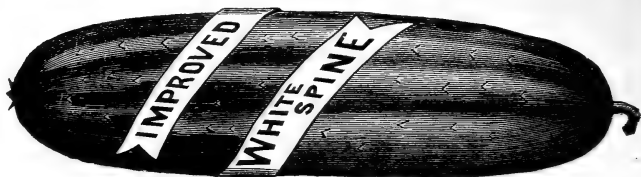
Per packet, any variety, 5c.

Dwarf Curled German. The leading market variety. For fall sowing. ....	.10	.15	.60
Extra Curled German Dwarf Green. Plant dwarf and compact. Leaves long, of deep green color. ....	.10	.15	.75
Tall Green Curled Scotch. About two feet high. Leaves dark green, curled and wrinkled. ....	.10	.15	.75

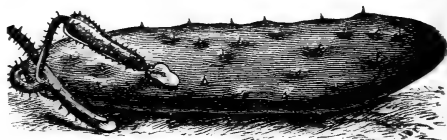
To buy seeds at the **LOWEST PRICES** is unwise. Too low prices are not consistent with goods of highest quality.



CORN SALAD.



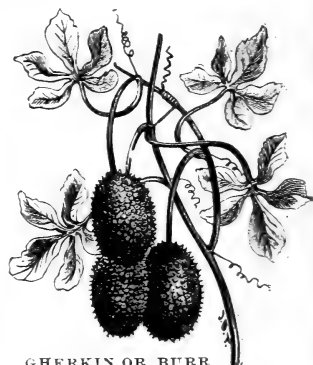
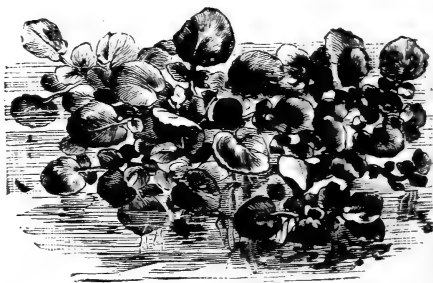
JERSEY PICKLING CUCUMBER.



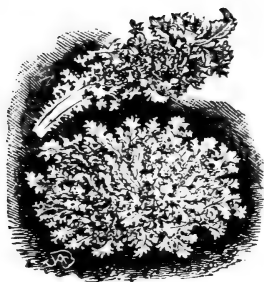
IMPROVED LONG GREEN CUCUMBER.

NEW YORK IMPROVED
PURPLE
EGG PLANT.

EARLY CURLED CRESS.

GHERKIN OR BURR
CUCUMBER.

TRUE WATER CRESS.



WHITE CURLED ENDIVE.



GREEN CURLED ENDIVE.

BROAD LEAVED BATAVIAN
ENDIVE.

KOHL RABI.

Per packet, any variety, 5c.

	Oz.	2 Oz.	Lb
Early White Vienna. Very early; small white bulb.....	.20	.35	\$2.00
Early Purple Vienna. Bright purple, with leaf stems tinted with purple. ....	.20	.35	2.00
Large Green. Hardy, late; used for feeding stock; very large bulb..	.20	.35	2.00

LEEK.

Per packet, 5c.

Large Flag. Hardy and of good quality. Used more than any other kind. ....	.20	.35	1.75
Musselburgh. Grows to a very large size with broad leaves; hardy. ....	.20	.35	1.75

LETTUCE.

Per packet, any variety, 5c.

Golden Beauty. The best lettuce for forcing, as its heavy weight makes it a profitable kind, while its enormous heads and long standing qualities make it one of the best for outdoor culture..	.25	.40	2.50
Tilton's White Star. An enormous yielder; a superior sort for forcing or planting out of doors.....	.15	.25	1.50
Grand Rapids. Fair sized, loose heads; leaves crimped and frilled; fine for forcing .....	.15	.25	1.50
Black Seeded Simpson. Large loose heads of yellowish light green color. ....	.10	.15	1.25
Denver Market. Early-head lettuce with blistered or savoyed leaves. ....	.10	.15	1.25
Deacon. Large solid heads of light color; excellent for summer....	.15	.25	1.50
Big Boston. Very large heads; for forcing or outdoors.....	.15	.25	1.50
Boston Market. One of the best for forcing under glass, as well as for outside use; forms fair-sized heads.....	.10	.15	1.25
Hubbard's Market. A large white variety, equally good for forcing or open ground .....	.10	.15	1.25
Iceberg. Of beautiful appearance and excellent quality; heads good size and solid .....	.15	.25	1.50
California Cream Butter. Very solid heads; medium early, of good size; rich cream yellow.....	.15	.25	1.50
Blond Blockhead. Bright golden color and attractive form.....	.10	.15	1.25
Marblehead Mammoth. The largest head lettuce; leaves light green, crisp, tender and free from bitterness.....	.10	.15	1.25
Tennis Ball, White Seeded. Extensively grown for forcing and heading under glass; heads firm and good size; very white and crisp. ....	.10	.15	1.25
Tennis Ball, Black Seeded. Popular for open ground culture; forms a handsome head .....	.10	.15	1.25
Frankfort Head. The best light-colored, smooth, thick-leaved head lettuce. ....	.15	.25	1.50
Frankfort Head, Black Seeded. Similar to above in growth, but with darker green leaves .....	.10	.15	1.25
Improved Hanson. Of remarkable size; very solid.....	.10	.15	1.25
Salamander. Good sized, compact heads, which resist summer heat..	.10	.15	1.25
Brown Dutch. Exceedingly hardy; large solid heads; thick green leaves tinged with brown.....	.10	.15	1.25
Prize Head. A brown-leaved variety; slow to run to seed.....	.10	.15	1.25
Trianon, Self-Closing Cos. The best of the Cos sorts; upright, crisp and tender .....	.15	.25	1.50
Balloon Cos. Very large; for late sowing.....	.15	.25	1.50

MUSK MELON.

Per packet, any variety, 5c.

Extra Early Green Citron. Very early and productive; flesh light green. ....	.10	.15	.75
Emerald Gem. Extra early; very sweet; flesh salmon color.....	.10	.15	.75
Jersey Belle. Extra early, heavily netted; flesh deep green.....	.10	.15	.75

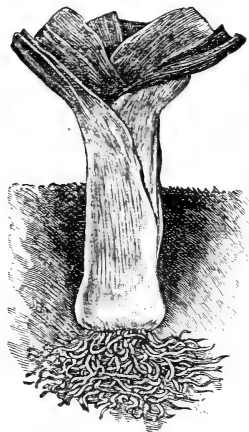
Our prices have been carefully adjusted and are in conformity with existing values.



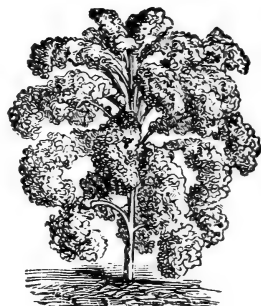
DWARF CURLED GERMAN KALE.



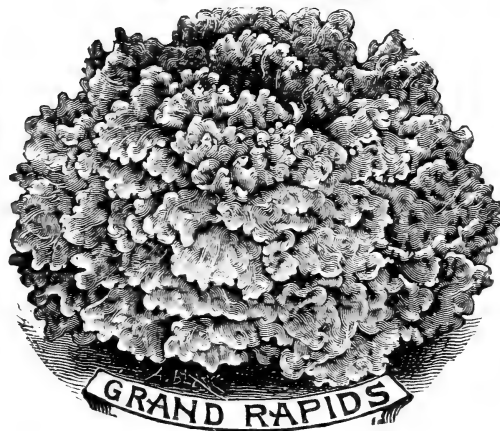
EXTRA CURLED GERMAN DWARF GREEN KALE.

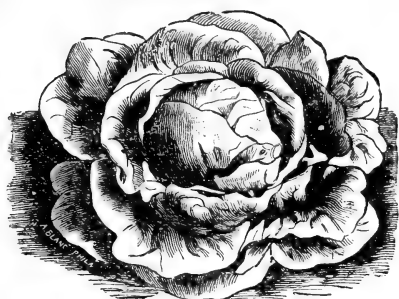


LARGE FLAG LEEK.

EARLY WHITE VIENNA
KOHl RABl.TALL GREEN CURLED
SCOTCH KALE.

BLACK SEEDED SIMPSON LETTUCE.

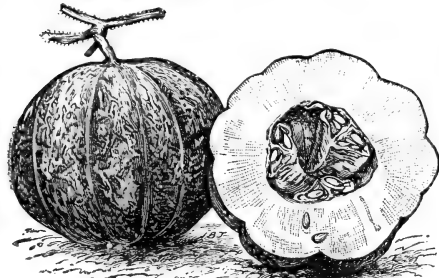




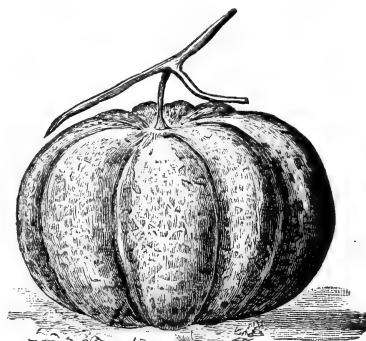
FRANKFORT HEAD LETTUCE.



IMPROVED HANSON LETTUCE.



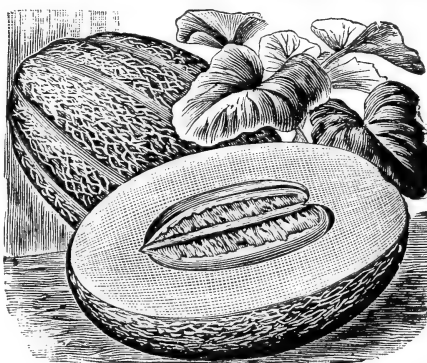
EMERALD GEM MUSK MELON.



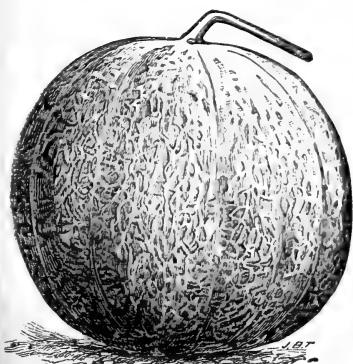
HACKENSACK, OR TURK'S CAP MUSK MELON.



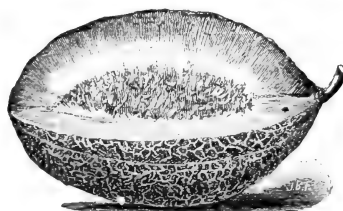
IMPROVED LARGE GREEN NUTMEG MELON.



DELMONICO MUSK MELON.



MONTREAL NUTMEG MELON.



PINE APPLE MUSK MELON.



BANANA MELON.

MUSK MELON—Continued.

	Oz.	2 Oz.	Lb.
Extra Early Hackensack. Ripens ten days earlier than Hackensack.	0.10	0.15	\$0.60
Hackensack, or Turk's Cap. Large, round; one of the best market melons. ....	.10	.15	.60
Improved Orange Christiana. Early; medium sized, round; color dark green; flesh orange. ....	.10	.15	.75
Pine Apple. Medium sized; flesh green, very thick; sweet. ....	.10	.15	.75
Princess. Round, early; heavily netted dark green skin; salmon colored flesh. ....	.10	.15	.75
A favorite sort: large, oval, dark green; flesh deep salmon; very sweet. ....	.10	.15	.60
Delmonico. Oval, large, finely netted; orange pink flesh. ....	.10	.15	.75
Tip Top. Distinct in appearance; of high quality; flesh rich salmon; skin pale green. ....	.10	.15	.75
Improved Large Green Nutmeg. Very large; excellent for late. ....	.10	.15	.75
Montreal Nutmeg. Very large, late; best to grow for exhibition. ....	.10	.15	.60
Banana. Long banana-like fruit; skin creamy white; flesh deep salmon. ....	.10	.15	1.00

WATER MELON.

Per packet, any variety, 5c.

Phinney's Early. Fruit large; oval; productive; early; flesh red, sweet. ....	.10	.15	.50
Ice Cream. Medium size; light colored skin; seeds white; a leading variety. ....	.10	.15	.60
Sweet Heart. Very large, heavy, bright green; flesh red, of fine quality. ....	.10	.15	.60
Mountain Sweet. Large, oblong, dark green; flesh red, very sweet. ....	.10	.15	.50
Boss. Medium early, small size, very productive, a good shipper. ....	.10	.15	.50
Black Spanish. Large size, nearly round; skin very dark green. ....	.10	.15	.50
Mammoth Iron Clad. Long, very large, late; good shipper. ....	.10	.15	.60
Kentucky Wonder. Dark green; flesh scarlet, very rich and sugary. ....	.10	.15	.60
Citron. (for preserving.) Perfectly round; mottled skin; red seed. ....	.10	.15	.75
Citron. (for preserving.) Green seed. ....	.10	.15	.75

MUSHROOM SPAWN.**English.** in bricks, per lb. 15c., 10 lbs. \$1.00, 100 lbs. \$8.00.**Mushroom Culture.** An extract from Henderson's Handbook of Plants, on the culture of Mushrooms; sent free on receipt of 10 cents.**MUSTARD.**

Per packet, 5c.

White English. Leaves light green, mild and tender; seed light yellow. ....	.05	.25
Brown or Black. Strong and more pungent than the white. ....	.05	.25

OKRA, OR GOMBO.

Per packet, 5c.

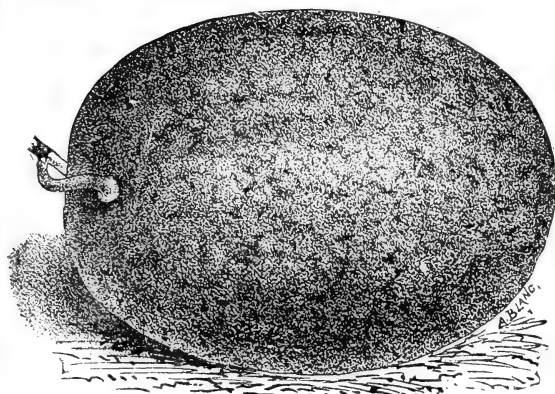
White Velvet. A great improvement over other varieties; pods larger, white, very smooth; an abundant bearer; of superior quality.10	.15	.60
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ONION.

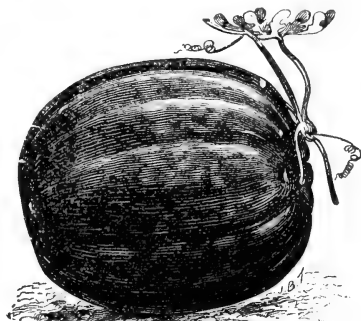
Per packet, any variety, 5c.

Yellow Globe Danvers. The standard variety everywhere; of true globe shape and handsome appearance; keeps well.10	.15	.75
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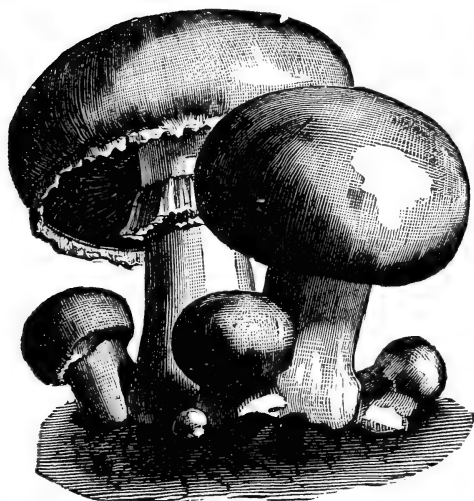
We test the percentage of growth of the seeds we sell, and send out nothing whose growth is not satisfactory.



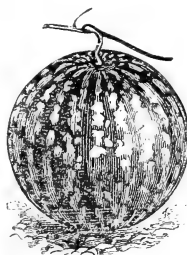
ICE CREAM WATER MELON.



BLACK SPANISH WATER MELON.



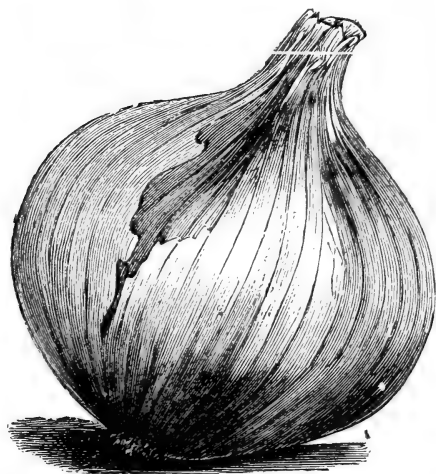
MUSHROOMS.



CITRON PRESERVING MELON.



OKRA.



PRIZETAKER ONION.



No. 1, Extra Early Red; No. 2, Large Red Wethersfield; No. 3, Yellow Globe Danvers; No. 4, White Portugal; No. 5, White Silver-skin; No. 6, White Globe.

ONION—Continued.

	Oz.	2 Oz.	Lb.
Extra Selected Yellow Globe Danvers. The finest strain in cultivation. Superior to ordinary strains of Yellow Globe Danvers in earliness, shape and uniformity of size and color. Grown from selected hand-picked bulbs; none but those perfect in size and shape being set for seed. Perfect globe shape with very small neck; entirely distinct from the old type of Yellow Globe Danvers .....	.15	.25	\$1.25
Yellow Dutch or Strasburg. The most popular variety for sets; full sized onions somewhat flat. An excellent keeper; skin bright yellow .....	.10	.15	.75
Large Red Wethersfield. The best red onion; of large size and splendid form .....	.10	.15	.75
Early White Queen. Of remarkably quick growth; a good keeper; valuable for pickles.....	.15	.25	1.50
Round White Silverskin. Small round, white, compact and hard ..	.15	.25	1.50
Large White Globe. Globe shaped, firm, fine grained; abundant yielder .....	.15	.25	1.50
White Portugal. Silvery white skin; handsome. For sets or for pickling .....	.15	.25	1.50
Mammoth Silver King. Silvery white, Italian variety; somewhat flat..	.15	.25	1.50
Prizetaker. The largest and handsomest yellow onion; very mild....	.15	.25	1.50

ONION SETS.

	Qt.	Bu.
Egyptian or Perennial Tree Onions. Perfectly hardy; productive....	.10	1.00
Yellow Bottom Sets. Make splendid green onions early in spring....	.20	4.00
White Bottom Sets. Produce handsome white onions early in the season .....	.25	5.00
Top or Button Onions. The sets produce a large onion; ripen early...	.25	4.00
Potato Onions. Large size, mild and pleasant; very early and productive .....	.15	3.00
White Multiplier Onions. Make nice green onions for early spring use; very productive.....	.25	4.00
Shallots .....	.25	

Prices on Onion Sets by the bushel are subject to market changes. Quart rates here named will hold good throughout the season, or as long as our stock lasts.

Get latest market prices on quantities of one bushel or over, before you buy.

PARSLEY.

	Oz.	2 Oz.	Lb.
Per packet, any variety, 5c.			
Plain Leaved. The hardest variety; leaves plain or single.....	.10	.15	.75
Double Curled. Dwarf and finely curled; desirable for garnishing....	.10	.15	.75
Moss Curled. Compact growing, finely curled, handsome and attractive .....	.10	.15	.75
Beauty of the Parterre. Perfectly distinct. Most beautiful sort for edgings and equally good as a condiment.....	.10	.15	1.25
Long Rooted, or Hamburg. Forms a root much like a parsnip.....	.10	.15	.75

PARSNIP.

Per packet, 5c.

Sugar or Hollow Crown. Considered the best parsnip for general cultivation. Smooth, tender and sugary.....	.10	.15	.50
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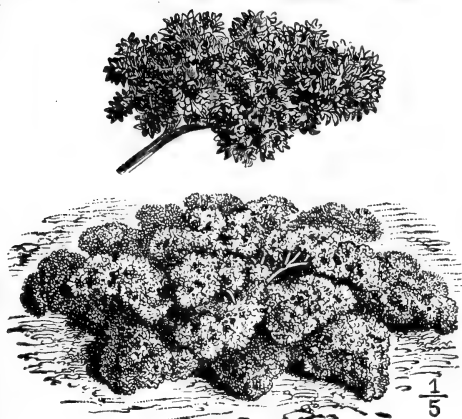
PEAS.

$\frac{1}{2}$ pks. supplied at bushel rates.

Per packet (two ounces), any variety, 5c.

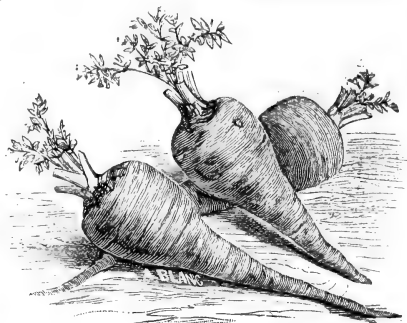
	Qt.	2 Qts.	Bu.
EXTRA EARLY SORTS.			
Maud S. Earlier and more productive than any other.....	.20	.35	3.50
First and Best. Stocky, vigorous and exceedingly productive.....	.20	.30	3.00

We furnish all ordinary varieties of vegetable seeds in 5-cent packets.

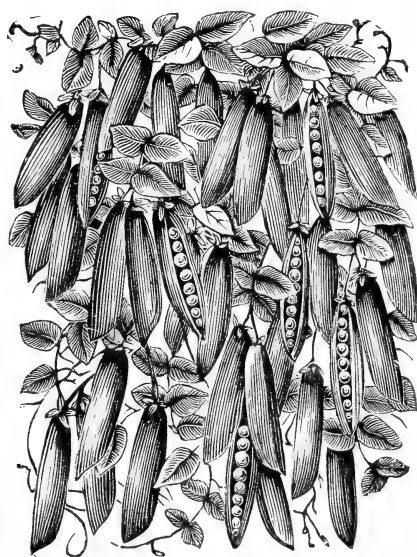


DOUBLE CURLED PARSLEY.

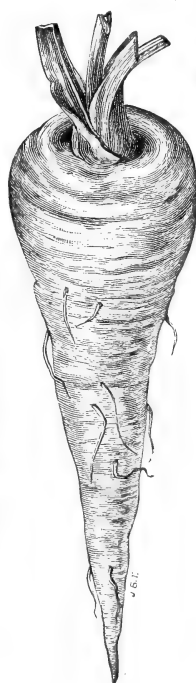
$\frac{1}{5}$



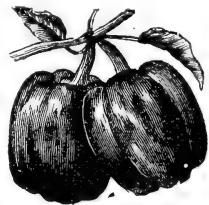
LONG ROOTED OR HAMBURG PARSLEY.



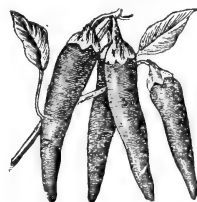
MAUD. S PEAS.



SUGAR, OR HOLLOW CROWN PARSNIP.



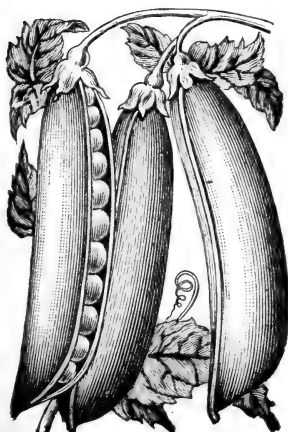
LARGE BELL OR BULL NOSE PEPPER.



LONG RED CAYENNE PEPPER.



SMALL CHILI RED PEPPER.



SHARPE'S QUEEN PEAS.



RUBY KING PEPPER.

PEAS—Continued.

	Qt.	2 Qts.	Bu.
Rural New Yorker. Very early, robust, prolific; ripens uniformly....	.20	.30	\$3.00
Alaska. Very early blue pea; uniform in growth.....	.20	.30	3.00
Landreth's Extra Early. An excellent and well-known variety.....	.20	.30	3.00
Hancock. Extra early, productive, vigorous; a favorite sort.....	.20	.30	3.00

SECOND EARLY VARIETIES.

McLean's Little Gem. Dwarf, green wrinkled; early; 16 inches high..	.20	.35	3.50
Premium Gem. Early, green wrinkled, one foot high; prolific.....	.20	.35	3.50
American Wonder. About nine inches high; finest quality.....	.20	.35	3.50
Nott's Excelsior. A new variety; extra early, wrinkled; dwarf.....	.25	.40	4.00
Horsford's Market Garden. Two feet high; a grand wrinkled variety..	.20	.30	3.00
Tilton's Cleveland Market. Valuable main crop pea; vigorous, hardy, and a magnificent cropper, 3½ ft. high. Large well filled pods; large peas .....	.30	.50	6.00
Heroine. Long, handsome, well-filled pods; 2½ ft. high; productive..	.25	.40	4.00
Dwarf Champion. A dwarf Champion of England; large pods.....	.25	.40	4.00
McLean's Advancer. A standard sort; immense yielder.....	.20	.30	3.00
Bliss Everbearing. Of strong branching character; height 2 ft.; long pods and large peas.....	.20	.35	3.50
Fillbasket. One of the best; popular with market gardeners; heavy cropper, 3½ feet high.....	.25	.40	4.00
Shropshire Hero. Very productive; large, handsome, well filled pods; height 2½ feet.....	.20	.35	3.50
Yorkshire Hero. A stout branching variety; two feet high.....	.20	.30	3.00
Paragon. Height of vine 3 feet; seeds white, wrinkled; heavy cropper .....	.25	.40	4.00
Telephone. Immensely productive; large pods; finest quality; 4 ft. high .....	.25	.40	4.50

LATE SORTS.

Champion of England. Finest quality of any pea in cultivation....	.20	.30	3.00
Improved Stratagem. Vines medium height; immense pods; fine quality .....	.25	.40	4.00
Sharpe's Queen. Pods very large and handsome; an excellent main crop sort .....	.25	.40	4.50
Pride of the Market. Very large pods; green peas; 1½ to 2 ft. high....	.25	.40	5.00
Large White Marrowfat. Cultivated extensively for summer crop. Five feet high.....	.15	.25	1.75
Large Black Eyed Marrowfat. Similar to White Marrowfat. Hardy and prolific .....	.15	.25	2.00

EDIBLE PODDED SORTS.

Melting Sugar. Pods large, straight, tender and fine flavored.....	.25	.40	5.00
Field Peas. See Miscellaneous Farm Seeds, page 33.			

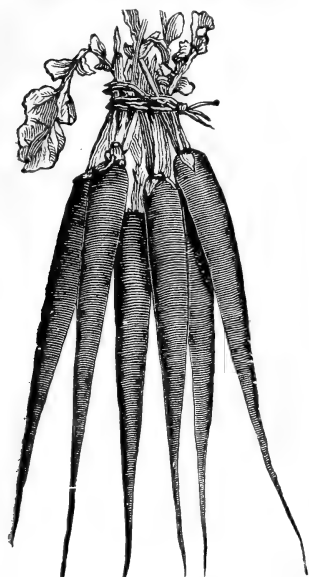
PEPPER.

	Oz.	2 Oz.	Lb.
Per packet, any variety, 5c.			
Sweet Spanish. Large, early, sweet, mild; well suited to use as a stuffed pickle .....	.25	.40	2.50
Sweet Mountain. The best for pickling; large, early, of mild flavor..	.25	.40	2.50
Ruby King. Largest size, handsome shape, bright colored.....	.25	.40	2.50
Large Bell or Bull Nose. A very large early sort; flesh thick and mild	.25	.40	2.50
Large Squash. Tomato shaped; generally grown for pickling.....	.25	.40	2.50
Monstrous. Peppers six to eight inches long; very sweet flavor....	.25	.40	2.50
Long Red Cayenne. Long, slim, pointed; when ripe bright red; extremely strong and pungent.....	.25	.40	2.50
Small Chili Red. Very small, bright red; used for seasoning and pepper-sauce .....	.25	.40	2.50

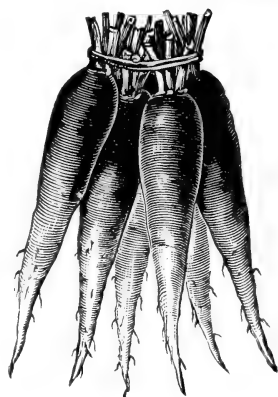
Our Seeds are fresh and of the right kind. "Commission" or "Box" Seeds at local stores are of doubtful age, kind and quality.



CONNECTICUT FIELD PUMPKIN.



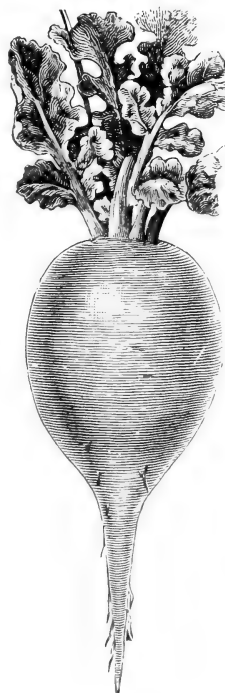
EARLY LONG SCARLET RADISH.



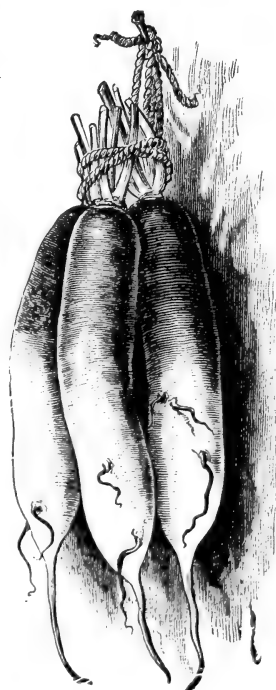
GLASS RADISH.

EARLY SCARLET WHITE
TIPPED TURNIP RADISH.

LONG WHITE VIENNA RADISH.



BURPEE'S SURPRISE RADISH.

IMPROVED
CHARTIER RADISH.

POTATOES.

Our seed potatoes are Northern grown. They are grown for us from genuine stock in Northern New York, especially for seed. The soil is gravelly loam, and lies high and rolling, and contains all the elements necessary to produce potatoes in perfection. The advantages from such seed are, early maturity, increased yield, vigorous growth, with vitality to resist disease.

Beware of small barrels. Some dealers send out small sized barrels containing hardly two and one-half bushels. Our barrels are large size, well shook and headed, and contain about 170 lbs. potatoes. No charge for Barrels or Cartage.

	Pk.	Bu.	Bbl.
Early Sunrise. Early, productive; flesh white and fine grained.....	.50	\$1.75	\$4.25
Early Puritan. White skin and flesh; shallow eyes; very productive..	.50	1.75	4.50
Early Ohio. Tubers round or oblong; of vigorous growth and excellent quality .....	.50	1.75	4.50
Early Rose. The most popular early potato; of fine quality.....	.50	1.75	4.25
Beauty of Hebron. Resembles the Early Rose; early and of fine quality	.50	1.75	4.25
State of Maine. Mid-season, large, white and of good quality; heavy yielder .....	.50	1.75	4.25
Sir William. Medium late, good size, white; a heavy cropper and recommended as one of the best drouth-resisting potatoes now grown .....	.50	1.75	4.25
Carman No. 1. A distinct variety; second early; uniform size, immense yielder .....	.50	1.75	4.25
Carman No. 3. One of the best late varieties ever introduced; an immense yielder; large handsome tubers; oblong, slightly flattened, white.....	.50	1.75	4.25
Improved Green Mountain. Free yielder; tubers large, smooth, white; a good keeper .....	.50	1.75	4.25

At the above prices, express and freight charges are to be paid by the purchaser. As the price of potatoes is governed by the market, the above quotations are but nominal, but are believed to be about the prices that will rule in the spring.

Cut your Seed Potatoes with the Concave and Curved Seed Potato Knife illustrated and described in List of Implements.

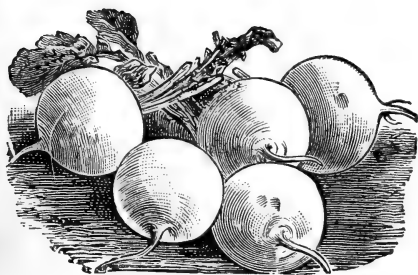
PUMPKIN.

	Per packet, any variety, 5c.	Oz.	2 Oz.	Lb.
Calhoun. Excels all others in quality as a pumpkin for pies.....	.10	.15		.75
Connecticut Field. Very productive, large, yellow; grown for stock feeding .....	.05			.25
Large Cheese. Fruit large, flat, deeply ribbed; hardy, productive....	.10	.15		.50

RADISH.

	Per packet, any variety, 5c.			
Glass. The most valuable sort for forcing; half long; rose pink.....	.10	.15		.60
Early Scarlet Prussian Globe. Root round; for forcing; carmine.....	.10	.15		.75
Early Scarlet Turnip Rooted. Quick growth; small top; early.....	.10	.15		.50
Early Round Deep Scarlet. Similar to above sort, but of darker color.	.10	.15		.50
Early Scarlet Turnip, White Tipped. Beautiful; deep scarlet with white tip .....	.10	.15		.50
Early Scarlet Turnip, White Tipped, Forcing. A forcing strain of above variety .....	.10	.15		.60
Early White Turnip Rooted. Pure white; small top.....	.10	.15		.50
Wonderful Half Long Red. Bright scarlet color; rapid grower.....	.10	.15		.75
Long Brightest Scarlet. Outsells all others; scarlet tipped white.....	.10	.15		.60
Wood's Early Frame. Long red, small top; for forcing.....	.10	.15		.50
Early Long Scarlet, Short Top. Very long, straight and smooth.....	.10	.15		.50
French Breakfast. Medium sized; olive shaped, scarlet, with white tip .....	.10	.15		.50
Cincinnati Market. The finest long red radish for forcing. Very attractive; small tops.....	.10	.15		.75

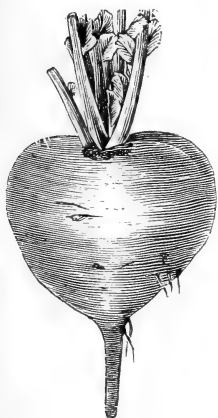
No order is too small to receive our prompt and careful attention.



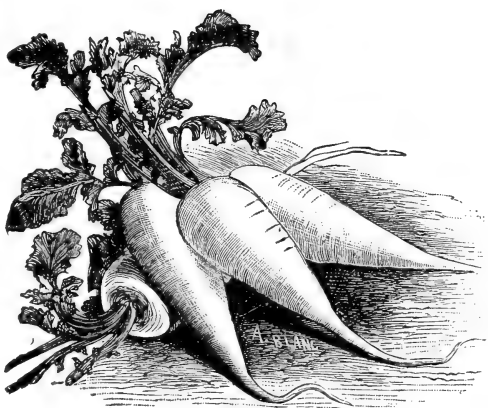
LARGE WHITE SUMMER TURNIP RADISH.



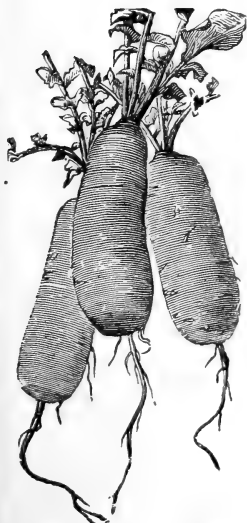
GOLDEN GLOBE RADISH.



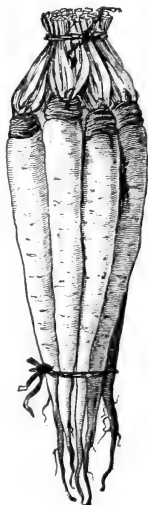
WHITE GIANT STUTTGART RADISH.



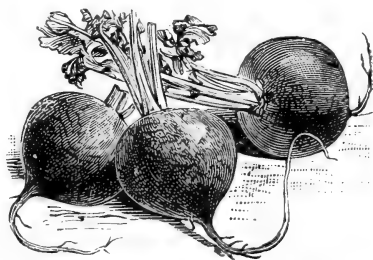
WHITE STRASBURG RADISH.



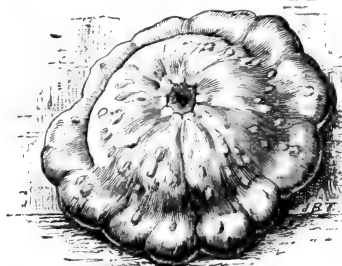
SCARLET CHINA RADISH.



SALSIFY.



ROUND BLACK SPANISH RADISH.



TILTON'S EXTRA LARGE GOLDEN BUSH SQUASH.

RADISH--Continued.

SUMMER VARIETIES.

	Oz.	2 Oz.	Lb.
Chartier. Best for early outdoor sowing; roots large; rose shading to white .....	.10	.15	\$0.60
Long White Vienna or Lady Finger. Long white; beautiful.....	.10	.15	.60
Large White Summer Turnip. Early; root round, smooth, handsome..	.10	.15	.60
Gray Summer Turnip. Globe shaped; gray colored skin; flesh white..	.10	.15	.60
Golden Globe. Quick growth; produces tender radishes in the hottest climates .....	.10	.15	.50
Burpee's Surprise. Of early, quick growth; thin, light brown skin..	.10	.15	.60
White Strasburg. Large summer sort; roots five or six inches long..	.10	.15	.60
White Giant Stuttgart. Large top shaped roots; flesh white and crisp..	.10	.15	.60

WINTER VARIETIES.

Scarlet China. Form cylindrical, or large at the bottom; skin smooth and of bright rose color.....	.10	.15	.60
Round Black Spanish. Roots round or top shaped; flesh white.....	.10	.15	.60
Long Black Spanish. Best for winter; roots oblong, black; very large..	.10	.15	.50
Long White Spanish. Long, thick roots; flesh white, solid.....	.10	.15	.50
California Mammoth White. Very large white winter variety.....	.10	.15	.60

RHUBARB OR PIE PLANT.

Per packet, 5c.

Linnaeus. The earliest variety grown; stalks medium size and numerous .....	.10	.15	1.00
Victoria. Stalks very tall and large. Very productive.....	.10	.15	1.00

SALSIFY OR VEGETABLE OYSTER.

Per packet, 5c.

Mammoth Sandwich Island. An improved variety; of large size, uniform growth, superior quality.....	.10	.15	1.25
Long White. A favorite market variety; of good flavor, fine quality..	.10	.15	1.00

SPINACH.

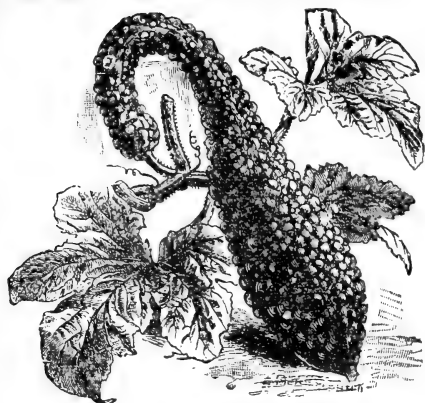
Round Thick Leaved. Large, thick, fleshy leaves; a favorite variety. 5 lbs. \$1.00, 10 lbs. \$1.75, 100 lbs. \$16.00.....	.05		.25
Savoy Leaved. Leaves numerous, curled and wrinkled; very hardy, 5 lbs. \$1.00, 10 lbs. \$1.75.....	.05		.25
Long Standing. Stands a long time before going to seed; splendid for spring sowing. 5 lbs. \$1.00, 10 lbs. \$1.75.....	.05		.25
Victoria. A new variety distinguished by the dark green color of its leaves and also for its long standing qualities. 5 lbs. \$1.00, 10 lbs. \$1.75 .....	.05		.25

SQUASH.

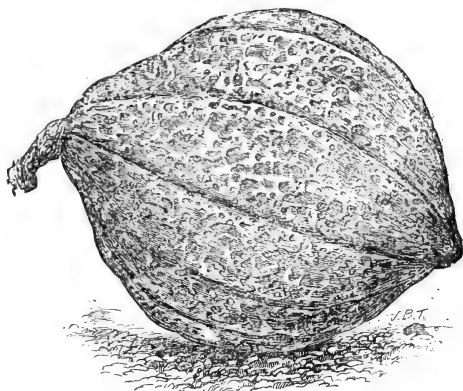
Per packet, any variety, 5c.

Tilton's Extra Large Golden Bush. Largest and best summer squash grown; scalloped; yellow.....	.10	.15	.75
Giant Summer Crookneck. Early, extra large; very productive.....	.10	.15	.75
Early Orange Marrow. Two weeks earlier than Boston Marrow....	.10	.15	.50
Boston Marrow. Fall and winter variety; bright orange, flesh yellow and fine .....	.10	.15	.50
Improved Hubbard. Best winter squash known; fine grained and dry; our strain is excellent.....	.10	.15	.60
Warted Hubbard. Large, blackish green; very hard shell, covered with warty knobs, which is a marked characteristic; excellent keeper .....	.10	.15	.75
Golden Hubbard. Perfect type of the green Hubbard, except in color, which is deep orange yellow; very attractive.....	.15	.25	1.50

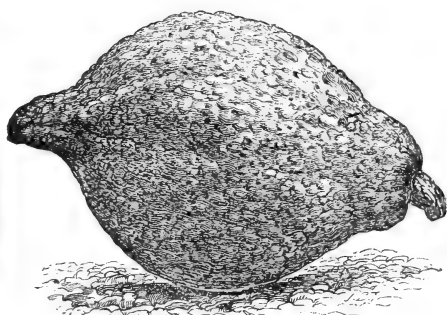
Our packets contain as liberal quantities as can be sold for the price.



GIANT SUMMER CROOKNECK SQUASH.



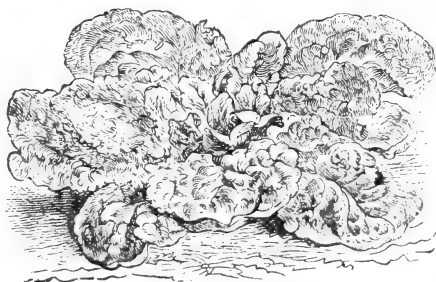
BOSTON MARROW SQUASH.



IMPROVED HUBBARD SQUASH.



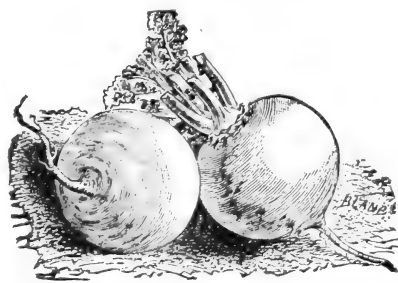
EXTRA EARLY PURPLE TOP MILAN TURNIP.



ROUND THICK LEAVED SPINACH.



EARLY WHITE FLAT DUTCH TURNIP.



ORANGE JELLY, OR GOLDEN BALL TURNIP.

TOBACCO.

	Per packet, 5c.	Oz.	2 Oz.	Lb.
Connecticut Seed Leaf. Best variety for the Northern States.....	.25	.40		\$2.50
Havana. Pure Cuban grown seed.....	.40	.75		4.00

TOMATO.

	Per packet, any variety, 5c.			
Atlantic Prize. Extra early, Fruit large, smooth, bright red.....	.25	.40		2 50
Dwarf Champion. Plant dwarf, compact, upright. Fruit resembles the Acme .....	.20	.35		2.00
Buckeye State. Very large, solid, productive; bright red.....	.25	.40		2.50
Stone. Large, smooth, solid, bright scarlet. Excellent shipper.....	.25	.40		2.50
Acme. Popular market sort. Purplish pink color; ripens-evenly....	.20	.35		2.00
Matchless. Largest size, smooth, handsome; cardinal red; very solid .....	.25	.40		2.50
Livingston's Beauty. Large, smooth, regular form, purplish pink color; good yielder; a great favorite.....	.20	.35		2.00
Livingston's Perfection. Larger than Acme, early, round, deep red, heavy cropper .....	.20	.35		2.00
Livingston's Favorite. Fruit red, very firm; exceedingly smooth....	.20	.35		2.00
Red Pear Shaped. Fruit bright red, pear shaped; used for preserves..	.20	.35		2.00
Yellow Plum. Plum shaped; deep yellow; much liked for preserves..	.20	.35		2.00

TURNIP.

	Per packet, any variety, 5c.		
Early Snowball. Medium sized, round, pure white; excellent for table use. Matures in six weeks from time of sowing.....	.10	.15	.50
Extra Early Purple Top Milan. The earliest of all; pure white with clear purple top; desirable for forcing.....	.10	.15	1.00
Early Purple Top, Strap Leaved. Medium sized, flat, small tops.....	.10	.15	.50
Early Purple Top Munich. White, with bright purple-red top; flat....	.10	.15	.50
Early White Flat Dutch. Quick growth; excellent quality.....	.10	.15	.50
Red Top White Globe. Globe shaped; of beautiful appearance; a fine market sort .....	.10	.15	.50
White Egg. Perfectly smooth, egg shaped, pure white.....	.10	.15	.50
Pomeranian White Globe. Very productive; grows to a large size....	.10	.15	.50
Large White Norfolk. Globular, white; extensively grown for stock feeding .....	.10	.15	.50
Large Amber Globe. Yellow with green top; good cropper; large..	.10	.15	.50
Orange Jelly or Golden Ball. Not large, but firm, hard and sweet....	.10	.15	.50

SWEDES OR RUTA BAGAS.

Prize Winner. Purple topped; large size, hardy, sure cropper.....	.10	.15	.40
Improved Purple Top Yellow. Hardy and productive .....	.10	.15	.40
Sweet Russian or White. Excellent for table or stock; flesh white....	.10	.15	.50

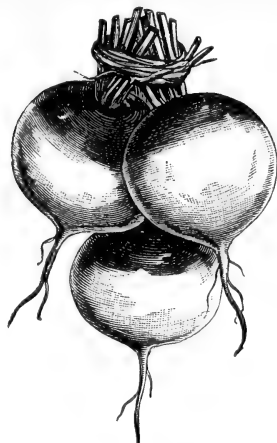
HERBS.

	Per packet, any variety, 5c.		
Anise. Aromatic seeds .....	.10	.15	.75
Borage. The leaves are used as a salad.....	.10	.15	1.25
Caraway. The seeds are used in confectionery, cakes, etc.....	.10	.15	.60
Coriander. Aromatic seeds which are used in confectionery, etc....	.10	.15	.60
Dill. Sometimes used in pickles to heighten the flavor.....	.10	.15	.60
Lavender. An aromatic herb, used for the distillation of lavender water .....	.15	.25	1.50
Saffron. Cultivated for its flowers.....	.10	.15	1.00
Sage, Broad Leaf. Used for flavoring and dressing.....	.15	.25	1.50
Sweet Basil. Seeds and stems used in soups and sauces.....	.15	.25	1.50

Our goods are sold upon their merits. We offer no premiums or extra inducements.



EARLY PURPLE TOP
STRAP LEAVED TURNIP.



RED TOP, WHITE GLOBE TURNIP.



WHITE EGG TURNIP.



SWEET BASIL.



SAGE.



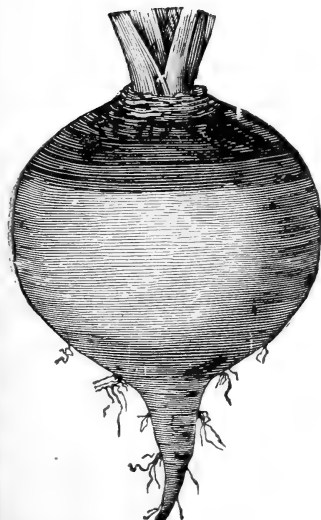
SWEET MARJORAM.



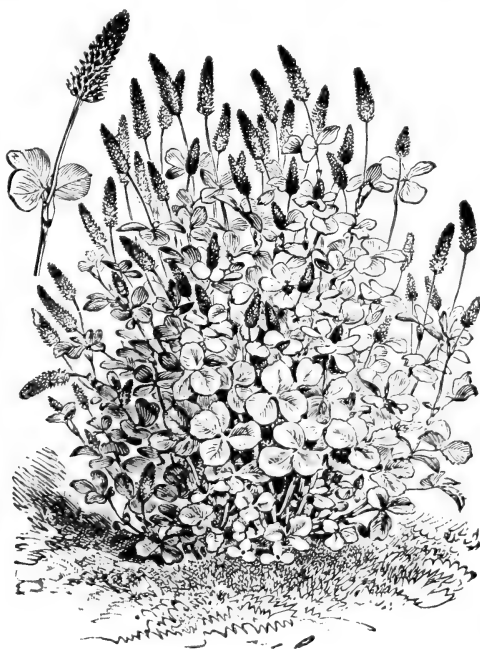
SUMMER
SAVORY.



THYME.



PRIZE WINNER RUTA BAGA.



SCARLET, OR CRIMSON CLOVER.

HERBS—Continued.

	Oz.	2 Oz.	Lb.
Sweet Fennel. Leaves and seeds used in flavoring, etc.....	.10	.25	\$1.00
Sweet Marjoram. Tops used for flavoring.....	.15	.25	1.50
Summer Savory. Dried leaves and stems used for flavoring.....	.10	.15	1.00
Thyme. Used for medicinal and culinary purposes.....	.30	.50	3.00

BIRD SEED, ETC.

	Per Lb.		Per. Lb.
Mixed Canary, Rape and Millet.....	\$0 08	Sunflower Seed	\$0 10
Canary, Best Sicily	08	Maw or Poppy Seed.....	15
Hemp	08	Lettuce Seed for Birds.....	30
Rape	08	Cuttle Fish Bone	50
Millet	08	Crystal Lime Bird Gravel, 3 lb. box	10

CLOVER SEEDS.

As prices on Clover and Grass seeds are almost daily varying, we do not give quotations, but will gladly quote prices and mail sample at any time, upon application.

	MARKET P
Medium or Common Red. The most important of all varieties for the practical purposes of agriculture; sow in spring or fall.....	"
Mammoth Pea-Vine or Large Red. Grows tall, with coarse stalks; used almost exclusively for plowing under.....	"
Alsike or Swedish. Of fine, luxuriant growth; numerous globular heads; very sweet and fragrant.....	"
Scarlet or Crimson. An annual, with scarlet blossom, 2 inches long; sown late in summer, it furnishes an early green fodder the following season	"
Lucerne or Alfalfa. Has an immense penetrating root and when once established produces a profitable crop for from 5 to 12 years. Requires a deep rich soil.....	"
White Dutch. A small creeping, spreading perennial variety, valuable for pastures and lawns.....	per pound, 25c.

GRASS SEEDS.

	MARKET PRICE.
Timothy. The most valuable of all the grasses for hay.....	"
Orchard Grass. A valuable pasture grass; ripens with Red Clover..	"
Red Top. A valuable permanent grass as a mixture in meadows, pastures or lawns.....	"
Kentucky Blue Grass. Invaluable for pastures and lawns.....	"
Meadow Fescue or English Blue Grass. A highly valuable species for permanent grass land	"
Crested Dog's Tail Grass. Excellent for sheep pasture; also valuable for lawns	"
Rhode Island Bent Grass. Valuable for lawns and pastures.....	"
Creeping Bent Grass. Valuable as a mixture with other pasture grasses	"
Wood Meadow Grass. The best variety for sowing in shaded situations; for hay or pasture, and for parks or pleasure grounds..	"
Sweet Vernal. Perennial variety. For use in pasture mixtures and for lawns; very fragrant.....	"
German or Golden Millet. An improved variety; closely condensed heads, numerous spikes; golden yellow seeds; grows 3 to 5 ft. high	"
Common Millet. Grows two and a half to four feet high, with a fine bulk of stalks and leaves	"
Hungarian Grass. A species of millet, growing less rank, with smaller stalks	"

MISCELLANEOUS FARM SEEDS.

Prices subject to market fluctuations.

Barley, Common. Sow from two to two and one-half bushels per acre. Per bu. \$1.25.

Buckwheat, Common. Sow broadcast about the 20th of June. Per bu. 90c.

Buckwheat, Silver Hull. An improved variety, much better than the old sort. Per bu. \$1.20.

Buckwheat, Japanese. The grain is much larger and has a thinner hull than other varieties. Per bu. \$1.00.

Flax, Russian. The seed is larger and contains more oil than the Common Flax. Per bu. \$2.00.

Hemp. Sow broadcast, one-half bushel to the acre. Per bu. \$2.50.

Sunflower, Large Russian. Has larger heads and stalks and produces more seed than the common sort. Per lb. 10c., 100 lbs. \$5.00.

Sugar Cane, Early Amber. Culture same as for corn. Per lb. 10c., 100 lbs. \$5.00.

Dwarf Essex Rape. A forage plant of highest value. Can be sown in April for an early crop, and for fall crop in July, August and September. It is of very rapid growth, being ready to feed in ten weeks from sowing. Sheep, hogs or cattle gain weight faster on this than on any other fodder, and a large crop is secured at a nominal cost. Sow broadcast, 6 lbs. per acre, or in rows $2\frac{1}{2}$ feet apart at rate of 3 lbs. per acre. Per lb. 15c; 100 lbs \$10.00.

Field Peas. Sow broadcast or in drills, about three bushels per acre. Per bu. \$1.00.

Vetches. For spring or fall sowing. Grown mostly for a forage crop. Culture same as field peas; two bushels per acre. Per bu. \$3.25.

Cow Peas. Valuable as a fodder plant, sheep being very fond of them when in flower; their chief value, however, is as a green crop to plow under. Sow in May or June, one to one and one-half bu. to the acre and plow under as soon as they have attained their full growth. Per bu. \$1.50.

"THE CAMBRIDGE."

A STRICTLY HIGH GRADE LAWN MOWER.

The Lightest Running and Most Practical Self-Sharpening Lawn Mower on the Market. Every Machine Guaranteed to Give Absolute Satisfaction.



It is made of the very best material, strong and durable. The stationary knife is of peculiar form, being concave, and by means of the adjustment the edges of the revolving knives and bottom knife are brought in contact in such a manner as to invariably keep the machine in excellent condition. The adjustments are extremely simple, and the mower runs so light that any boy or girl can use it without much fatigue.

With Low Wheel, 12-inch Cut.....	\$3.50
14-inch Cut.....	4.00
16-inch Cut.....	4.50
With High Wheel, 14-inch Cut.....	5.00
16-inch Cut.....	5.75
18-inch Cut.....	6.50

THE NEW CANTON LAWN MOWER.

SIMPLE, DURABLE, CHEAP.

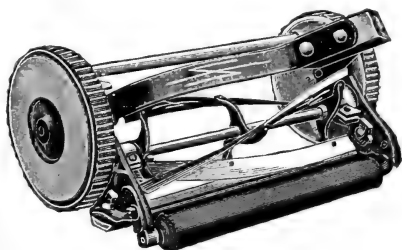
Easy to Operate.

Absolutely Guaranteed to Do Perfect Work.

We offer here a low-priced Lawn Mower, whose simplicity of construction insures durability and also cheapens its cost.

It should not be compared with the many worthless Lawn Mowers now on the market, and which are dear at any price. It is made of good material. Its workmanship, finish and construction are of first quality. Its adjustment is perfectly simple.

14-inch Cut.....	\$2.50
16-inch Cut.....	3.00
18-inch Cut.....	3.50



SELECT LIST OF CHOICE FLOWER SEEDS

In this list we describe the leading flowers grown from seed. The varieties offered are arranged alphabetically, principally under the scientific name, but in some cases by the popular or common name. Our flower seeds are of the very best quality; many are grown for us under contract by the best growers in America, while all foreign grown varieties are of our own importation direct from the most reliable growers in Europe, who on account of their integrity, special facilities and location, are able to produce the different varieties to their greatest perfection. Most varieties are furnished in superb lithographed packets; on the face of each packet is a carefully colored portrait of a flower or flowers of the species, while on the reverse side is given a much reduced figure of the whole plant in flower.

Cultural directions in English, German and French accompany each packet.

All flowers raised from seed are known as Annuals, Biennials and Perennials. Each of these classes is again divided into two classes, viz.: the hardy and half-hardy, or tender kinds.

Annuals are those plants which flower, or ripen their seeds or fruits the season they are sown, and then perish.

Hardy Annuals require no artificial heat at any period of their growth—every stage of their development, from germination to ripening of the seed, being passed in the open ground. They are the most easily cultivated of all plants.

Half-Hardy Annuals flower and ripen their seeds in the open air, but need the assistance of artificial heat in the earlier stages of their growth.

Biennials are those plants that grow from seed one year, bloom and die the next, though some varieties bloom the first season if sown early.

Hardy Biennials can remain in the open ground all winter; they require no protection.

Half-Hardy Biennials require protection and should be started in the frame or cool house and transferred to the open ground in spring after danger from frost.

Perennials are those plants which last for several years, flowering annually after the first season. Some varieties bloom the first season if started early.

Hardy Perennials can remain in a permanent situation in the open ground; they require no protection.

Half-Hardy Perennials require to be well protected, some varieties requiring such protection as is afforded by a greenhouse or dry cellar.

SPECIAL INDUCEMENTS.

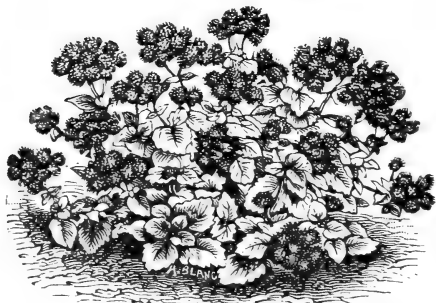
We offer the following liberal inducements to purchasers of Flower Seed in packets when cash accompanies the order.

For \$1 Select Flower Seeds to amount of \$1.25	For \$4 Select Flower Seeds to amount of \$5.00
" \$2 " " " " 2.50	" \$5 " " " " 6.25
" \$3 " " " " 3.75	" \$10 " " " " 13.00

This special offer is for Flower Seeds in packets at regular Catalogue prices and does not apply to collections or seeds by weight.

See The figures at the right opposite each variety denote the price, in cents, per packet.

AGERATUM.



AGERATUM, MEXICANUM, DWARF.

A hardy annual, desirable for cut flowers, or in borders, flowering continually and profusely.

Ageratum Mexicanum, light blue, 2 feet high. Per oz., 30c.....	.05
Mexicanum, Albiflorum, white 2 feet high. Per oz., 40c.....	.05
Mexicanum, Nanum, dwarf, blue, 8 inches high. Per oz., 50c.....	.05
Mexicanum, Nanum Albiflorum, dwarf, white, 8 inches high. Per oz., 50c.....	.05
Mexicanum, Mixed, seeds of above varieties, mixed. Per oz., 25c.....	.05

ALTHÆA—See Hollyhock.

ALYSSUM.



SWEET ALYSSUM.

A desirable hardy annual, flowering from early spring till killed by frost, and all winter in the greenhouse, if sown in August. Flowers pure white, in racemes, and of a peculiar delicate fragrance. Most effective in masses, with plants one foot apart. Useful in all kinds of small bouquets. Grows one foot high.

Alyssum, Benthami (maritimum).—Sweet Alyssum, white. Per oz., 25c.....	.05
Benthami, Compactum (erectum).—More dwarf and compact; known as Tom Thumb Sweet Alyssum. Per oz., 40c..	.05
Little Gem.—Very dwarf, 4 to 6 in. high, each plant covering a space 15 to 30 inches in diameter. Per oz., 60c.....	.05

AMARANTHUS.

Well known annuals; very ornamental, of rapid growth and easy culture.

Amaranthus, Caudatus.—(Love-lies-bleeding), long, dark red; drooping flower spikes05

Tricolor (Joseph's Coat).—Beautiful show plants for summer bedding, growing 2 to 3 feet high. Leaves red, yellow and green05

ANTIRRHINUM.—*Snap dragon.*

The Antirrhinum is an old favorite border plant, with dark and glossy leaves, and large, curiously shaped flowers with finely marked throats. Blossoms the first season from seed sown in the spring, but the blossom will be much stronger the second season. Succeeds best in dry, loamy soil. Tender perennial, one and one-half to two feet high.

Antirrhinum, majus, tall varieties, mixed05

AQUILEGIA.—*Columbine.*

Hardy perennial plants, growing from one and one-half to three feet high, bearing in profusion large drooping flowers of novel shape and great variety of colors. Very ornamental and among the best of hardy border plants. May be propagated by dividing the roots.

Aquilegia, vulgaris, fl. pl., double varieties, mixed05

ASTER.—*Callistephus Chinensis.*

Among the many annuals now in cultivation, Asters are the most popular. There are few flowers that combine so much beauty, variety of habit, form and color, and few are easier grown. They are favorites for bedding, bordering or pot culture, but to see them in their beauty should be grown in masses and well cultivated, not at any stage left to poor culture. For summer and autumn flowering they are unexcelled. The seed we offer comes from the most celebrated German growers, and has been saved from the best double flowers.



ASTER, DWARF CHRYSANTHEMUM FLOWERED.

Aster, Dwarf Chrysanthemum⁷ Flowered.—Surpasses all the dwarf varieties in size of flowers. They are full and double and produced in clusters of 20 to 30 on a plant. Height, 10 inches. Later than other varieties and therefore valuable for succession.
White10
Finest Mixed. Per oz., \$1.50..... .10

Giant Comet.—A superb new class of Asters. The plants are dwarf and of pyramidal growth. Flowers are extremely beautiful, $3\frac{1}{2}$ to 4 $\frac{1}{2}$ inches across, composed of long, wavy, twisted petals which form loose yet dense half globes, much resembling the large flowered Japanese Chrysanthemums. White, very fine..... .10

"The Bride."— White changing to Rose. Very effective10
Finest mixed. Per oz., \$2.00..... .10

Princess.—A magnificent class similar to the Mignon Aster. A profuse bloomer, a single plant often producing 30 flowers, of half globular form and composed of short, thickly set, imbricated petals, giving them the appearance of a white Lilliput Dahlia. Fine for pot culture.

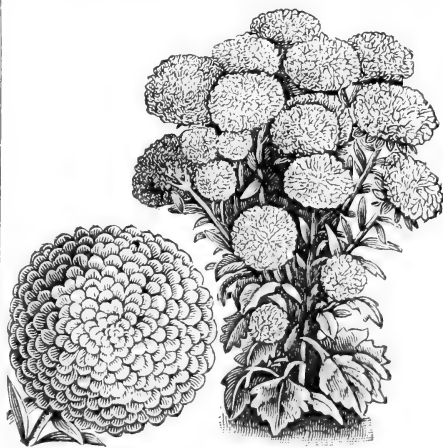
Pure White or "Snowball." One of the finest white Asters; very long bloomer; excellent for florists..... .10
Mixed10

Mignon.—An excellent new class resembling in habit, height and form, the Victoria, but a more profuse bloomer. The flowers are of refined form and are particularly valuable for cutting.

Pure White, excellent..... .10
Peach Blossom, beautiful pink..... .10
Crimson10
Light Blue, splendid..... .10
Mixed, a great variety of colors. Per oz., \$2.00..... .10

Truffaut's Paony-Flowered Perfection.—A magnificent class, with large, fine flowers, 3 to 4 inches in diameter, with long beautifully incurved petals. Forms large compact plants $1\frac{1}{2}$ to 2 feet high.

Pure White10
Finest mixed, nearly 30 distinct shades and colors. Per oz., \$1.50..... .10



ASTER VICTORIA.

Victoria.—This is without doubt the most handsome Aster in cultivation. Flowers are massive and showy, with petals curving out and down and overlapping like the petals of the double Dahlia. Height about 2 feet.

Pure White10
Peach blossom, beautiful pink..... .10
Dark Scarlet10
Light Blue..... .10
Indigo Blue..... .10
Finest mixed; contains over 20 colors, per oz. \$2.00..... .10

Vick's Branching White.—This Aster is a strong grower of branching habit, and blooms later in the season than any other variety. The flowers are pure white, four inches and over in diameter; borne on long stems, with broad long petals..... .10



ASTER, SEMPLE'S BRANCHING.

Semple's Branching.—A choice strain of American grown Asters. The plants are of branching habit; flowers are of perfect form, 4 to 6 inches in diameter, borne on long stems, and equal to early Chrysanthemums, which they much resemble.

Pure White .....	.10
Pink .....	.10
Lavender Blue .....	.10
Finest mixed .....	.10

Ball or Jewel.—A new and beautiful class of Asters, similar to the Peony Perfection race, but dwarfer in habit, and with shorter petals and perfectly round flowers.

Fine mixed10
------------------	-----



ASTER, CROWN.

Crown or Coardeau.—A very showy variety from 1½ to 2 feet high. The large double flowers have a center of purest white, surrounded with petals of a distinct bright color. Mixed, per oz. \$1.50..... .10

Imbricated Pompon.—This class has exquisite shaped flowers, very full and double, with narrow petals closely imbricated, forming a most perfect pompon. Excellent for bouquets. Finest mixed, per oz. \$1.50..... .10

China.—A tall growing variety with large double flowers of a globular shape. Plants 2 ft. high. Mixed, embracing a great variety of colors, per oz. 75c..... .05

AURICULA—See *Primula Auricula*.

BACHELOR'S BUTTON.

A name sometimes applied to *Centaurea Cyanus*, q. v.

BALLOON VINE—*Cardiospermum*

A rapid growing tender annual climber; succeeds best in light soil and warm situation. Flowers white; seed vessels look like miniature balloons. Per oz. 20c..... .05

BALSAM—*Impatiens Balsamina*.

Lady Slipper. Touch-me-not.

One of the most beautiful of popular summer blooming annuals, forms a showy bush-like plant 1½ to 2 feet high, profusely covered with large double flowers of bright colors.

Balsam,"Camellia Flowered—The flowers resemble the Camellia, are often fully as double, and are borne in wonderful profusion. Finest mixed, per oz. \$1.00..... .10



BALSAM, DOUBLE.

Double Rose Flowered—An excellent strain, many of the flowers approaching the perfection of the Rose in shape and fullness.

Pure White .....	.10
Splendid Mixture, per oz. \$1.00.....	.10
Double, Very Fine Mixed —A rich effective mixture of fine double varieties, per oz. 40c....	.05

BELLIS—*Double Daisy*.

Splendid plants for early spring and summer, flowering in cool, shady places; admirably adapted for edging, borders and low beds, and also suitable for growing in pots. They are easily raised from seed and bloom the first season if started early in the house.



BELLIS PERENNIS.

Bellis Perennis, Alba fl. pl.--Extra Double White .....	.10
Bellis Perennis fl. pl.--Longfellow. Very large pink blooms.....	.10

CALCEOLARIA.

An ornamental plant, producing a mass of beautiful pocket-like flowers early in spring, and a universal favorite for the greenhouse or conservatory. Greenhouse perennial; seed should be sown in July or August.



CALCEOLARIA HYBRIDA, LARGE FLOWERED.

Calceolaria hybrida grandiflora.—Figured and self-colored, in finest mixture. Flowers of largest size and most brilliant coloring. Seed saved from choicest collections.... .25

CALENDULA—Pot Marigold.

Showy free flowering hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, and continuing in bloom until killed by frost; valuable also for pot culture, blooming freely in winter and early spring; 1 foot high.

Calendula Meteor.—Large double yellow striped with orange, per oz. 30c..... .05

Prince of Orange.—Resembles Meteor but is much darker, per oz. 40c..... .05

Sulphurea, fl. pl..—Large full double flowers of a pleasing sulphur yellow color, per oz. 30c..... .05

Mixed.—Fine mixture of double varieties, per oz. 25c..... .05

CALIFORNIA POPPY—See Eschscholtzia.**CALLIOPSIS OR COREOPSIS.**

A very showy border plant, producing flowers in nearly every shade of yellow, orange, crimson, red and brown. If the seed pods are removed as soon as they appear, the plant will remain in bloom much longer. Two feet high.

Calliopsis Grandiflora.—Very large golden yellow flowers; splendid for cutting; perennial..... .10

Calliopsis, fine mixed, per oz. 15c..... .05

CALLISTEPHUS CHINENSIS—

See Aster.

CAMPANULA.

This is one of the oldest of ornamental garden plants and is of the earliest culture. Grows 2½ feet high, producing large bell-shaped flowers of different shades which are very effective.

Campanula, Medium—(Canterbury Bells).

Single mixed..... .05

CANARY BIRD VINE—*Tropæolum Canariense*.

A rapid growing summer climbing annual, growing 10 to 15 feet high. It will cover trellis work in the most graceful manner, producing hundreds of its pretty fringed bright yellow flowers, which resemble a canary bird with expanded wings..... .05

CANNA—Indian Shot.

CANNA.

Grand ornamental plants with stately foliage and large spikes of brilliant flowers. Plants grown from seed will bloom slightly the first year, and form large roots which will flower profusely the second summer. Tender perennial, 2 to 6 feet high.

Canna, Crozy's New Hybrids.—Made up from seed obtained direct from Mr. Crozy and other noted foreign specialists, saved from the handsomest of late introductions. Most of them are of dwarf habit, large bloomers, and very remarkable, both for beauty and size of flower and foliage. Mixed, per oz. 50c..... .10

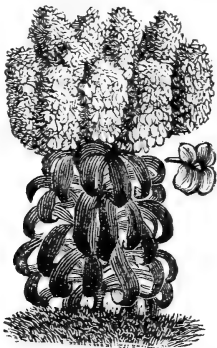
Canna, Dark-Leaved Varieties.—Flowers large; foliage very dark color. Mixed, per oz. 40c..... .05

CANDYTUFT—*Iberis*.

Well known hardy annuals of the earliest culture; great favorites for beds, edgings, pots and borders, and considered indispensable for cutting. The plants flower profusely throughout the entire season.

Candytuft, Empress.—A handsome pure white variety. Intermediate in height between the Rocket and Tom Thumb sorts. The plant is of branching habit, each branch producing a large truss of flowers, and the whole plant presenting a candelabra-like profusion of bloom throughout the summer. per oz. 40c..... .10

Tom Thumb.—A dwarf, white flowered variety. 4 to 6 inches high, and especially suited for edgings, per oz. 35c..... .10



CANDYTUFT, ROCKET.

- White Rocket.**—(*Iberis Coronaria*.) A standard sort, producing large trusses of pure white flowers; admirably suited for cutting, per oz. 25c.05
- White.**—(*Iberis amara*.) The common white variety, per oz. 20c.05
- Crimson.**—(*Iberis umbellata purpurea*.) Dark crimson; the best dark variety.05
- Carmine.**—(*Iberis umbellata carminea*.)05
- Mixed.**—Annual varieties in good mixture, per oz. 15c.05

CANTERBURY BELLS—See Campanula.

CARNATION—*Dianthus Caryophyllus*.

A universal favorite; one of the most esteemed flowers of the florists' collection, and indispensable in every collection of conservatory or house plants, while for open ground culture it is very desirable. It is not surpassed in elegance, beauty or fragrance



CARNATION, DOUBLE PERPETUAL.

by any other flower. The flowers are borne on long stems, rendering them excellent for cut flowers. Half-hardy perennials. One to one and one-half feet high.

Carnation, Double Perpetual—This new carnation was raised by a famous French specialist who claims it to be the best of his introduction. Handsome double flowers are produced in great profusion, in every variety of color, on vertical straight stalky flower stems. Blooms in about seven months from sowing of seed and continues to flower indefinitely. It will be found invaluable for florists and amateurs. Seed can be sown either in autumn or early spring 15



A magnificent class of carnations that will bloom in 4 months after sowing of the seed. The flowers are of brilliant colors, ranging through many beautiful shades of reds, pinks, white, variegated, etc. They are of perfect form and large size, and what is of special value, the calyx never bursts. Those sown in spring commence flowering in early summer and continue to bloom most abundantly until checked by frost. They can be potted and taken in to the house and will flower through the winter. The plants are dwarf, much branched, compact and robust in habit, consequently supporting themselves. The seed we offer is an improved strain of the semi-dwarf class, which is most valuable.

New Giant.—A much improved class, both in size of flower and doubleness, yielding a rich display of colors. 25

White.—New, much improved and nearly true from seed; extra fine. 15

Finest mixed, per oz. \$2.00. 10

Carnation, Extra Choice, Doubl.—A very fine strain, mixed, per oz. \$2.50. 10

CASTOR OIL PLANT—*Ricinus*.

A very ornamental, strong growing plant with leaves of green, brown or bronzed metallic hue, and long spikes of prickly capsules of scarlet and green. An elegant plant for a lawn or as a center plant of groups of Can-

nas, Dahlias, etc. Half hardy annual, six to ten feet high.



CASTOR OIL PLANT.

Castor Oil Plant, Zanzibariensis.—An entirely distinct new sort, with enormous leaves, measuring 2 to 2½ feet across, and in different plants ranging from light green to deep bronze. Exceedingly striking and beautiful, per oz. 25c..... .10

Castor Oil Plant, mixed varieties, per oz. 15c...... .05

CENTAUREA.

Centaurea, cyanus.—(Ragged Sailor, Corn Flower, Blue Bottle). Sometimes called Batchelor's Button. A perfectly hardy border plant, thriving finely in any common garden soil, but the flowers are more brilliant if grown in gravelly ground. Under cultivation it is really a handsome flower, sporting its varieties of white, purple, pink, parti-colored, etc. Hardy annual, two to three feet high. Mixed, per oz. 20c..... .05

Emperor William.—A fine dark blue variety, per oz. 25c..... .05

Centaurea Gymnocarpa.—(Dusty Miller). A valuable ornamental leaved plant, forming a graceful round bush of silvery gray, fern like leaves, making a fine contrast when massed with dark foliage plants. Half-hardy perennials, 1½ ft. high..... .10

CHRYSANTHEMUM.

Showy and effective garden favorites, exclusively grown for cut flowers. They produce on long stems beautiful large flowers of many bright colors.



CHRYSANTHEMUM, MIXED ANNUAL VARIETIES.

Single Annual Sorts.

Showy, free blooming plants of thrifty habit, 12 to 18 inches high. Hardy annuals.

Chrysanthemum carinatum, (tricolor) Burridge-anum.—Crimson maroon with white edge and inner circle of yellow..... .05

Carinatum.—Fine mixed single, per oz. 25c..... .05

Frutescens.—Paris Daisy or "Marguerite." The finest of the white "Daisies." Produces its pretty white star shaped flowers in great abundance. Popular with florists; valuable for cutting. Succeeds well in any garden soil, 2½ feet high..... .10

Double Annual Sorts.

Hardy garden plants 1½ to 2 feet high, blooming plentifully throughout the summer and until frost.

Coronarum, fl. pl.—Double white and yellow mixed, per oz. 25c..... .05

Carinatum hybridum, fl. pl.—Double hybrids, new and unique varieties. Pure white, yellow, bronzy yellow, crimson, etc., tinged with red, lilac or rose. Finest mixed colors..... .10

Perennial Varieties.

These are the popular fall flowering Chrysanthemums that attract so much attention at the autumn shows. Plants raised from seed bloom the first year if sown early.

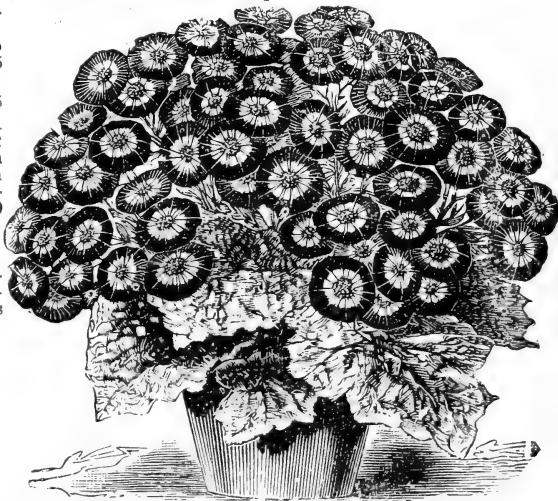
Chinese and Japanese Varieties.—Saved from the finest varieties in cultivation and cannot fail, with proper care, to give magnificent flowers in a wonderful variety of color and form..... .25

CIGAR PLANT—See *Cuphea Platycentra*.

CINERARIA.

Flowering Varieties.

One of the most ornamental and useful greenhouse flowering plants. Has large handsome flowers measuring 2 to 3 inches in diameter, the colors being distinct and richly diversified. Greenhouse perennial.



CINERARIA HYBRIDA, SEMI-DWARF.

Cineraria hybrida grandiflora.—Large flowered prize varieties, splendid mixed..... .25

Cineraria hybrida grandiflora nana.—Large flowered semi-dwarf prize varieties, splendid strain, mixed..... .25

COLEUS.

Well known ornamental foliage plants; indispensable for groups on lawns or bedding and also valuable for pot culture. The leaves are of many shapes, colors and markings, and nearly all have a rich velvety appearance. Tender perennial, one to three feet high.

Coleus, finest varieties, splendid mixture..... .25

COLUMBINE—See *Aquilegia*.

CLARKIA.

CLARKIA, SINGLE AND DOUBLE VARIETIES.

Very pretty free flowering annuals for flower beds. The flowers are very showy and of many colors; one and one-half feet high.

Clarkia, Elegans.—Single and double, fine mixed, per oz. 25c.....05

COBÆA.

COBÆA SCANDENS.

A rapid growing climber attaining a height of 20 to 30 feet in a season. Can be grown in the garden in summer and in the greenhouse or conservatory in the winter. Bears large purple bell-shaped flowers which are produced in great profusion. Half hardy perennial.

Cobæa Scandens......10

CORDYLINE.

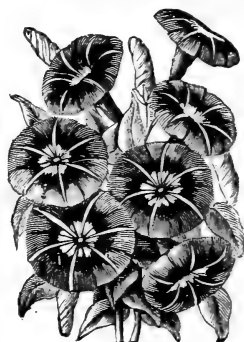
Cordylone, Indivisa—Very showy foliage plant with narrow arching leaves; extensively used for centers of hanging baskets and vases, and for decoration.....10

COREOPSIS—See *Calliopsis*.

CORN FLOWER—See *Centaurea Cyanus*.

CONVOLVULUS.

Convolvulus, Tricolor (minor)—(Dwarf Morning Glory). Dwarf plants of trailing, branching habit, each plant occupying a space of two feet. At mid-day they are completely covered with a mass of most brilliant, many colored blossoms, which remain open till evening, in dry weather. One foot high. Half-hardy annual's. Mixed, per oz. 15c.....05



CONVOLVULUS, TRICOLOR.

CONVOLVULUS MAJOR.

See *Morning Glory*.

COSMOS.

A showy autumn flowering plant, with elegant foliage, of very strong growth, and considered of great value for cutting. The plants grow from six to eight feet high, and in blooming season are covered with hundreds of blossoms two and three inches in diameter and resembling single Dahlias. A quite hardy annual.



COSMOS, LARGE FLOWERING.

Cosmos, New Giant Early-Flowering Fancy.—The flowers of this superb new strain are of immense size, measuring 4 to 5 inches in diameter, and are produced in great diversity of form and coloring; the colors range from pure white through shades of pink, deep rose and crimson to light red. Mixed .10

Large Flowering, White, per oz. 50c.....05

Large Flowering, Pink, per oz. 50c.....05

Large Flowering, Mixed, per oz. 40c.....05

CUCURBITA—See *Gourds*.

CUPHEA.

Cuphea, Platycentra.—(Cigar Plant.) A most interesting plant, useful for bedding purposes and for house culture. Forms a dwarf, compact bush about twelve inches high and bears a profusion of vermillion tube-shaped blossoms with black lower lip and edged with white on the tip. Half-hardy annual05

CYPRESS VINE—*Ipomœa Quamoclit*.

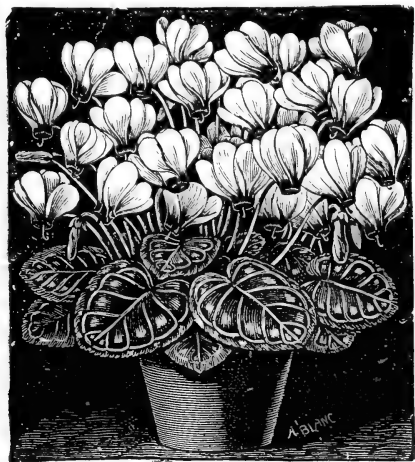
A most beautiful climber, with delicate, dark green, feathery foliage, and an abundance of bright, star-shaped, rose scarlet and white blossoms, which, in the bright sunshine, present a mass of beauty. Planted by

the side of a veranda, tree or stakes, and trained properly, there is nothing prettier. Tender annual; fifteen feet high.

Cypress Vine —Scarlet, per oz.	30c	05
" " White, " " 3c	05	
" " Mixed, " " 25c	05	

CYCLAMEN.

Beautiful winter and spring flowering tuberous-rooted plants for pot culture in conservatory or greenhouse; bearing large handsome flowers in a variety of bright colors. Tender perennial.



CYCLAMEN PERSICUM.

Cyclamen, Persicum Giganteum—An extra choice strain saved from very large flowers of rich and varied colors. Finest mixed, 25

DATURA.



DATURA, CORNUCOPIA.

Datura, Cornucopia.—A highly interesting novelty forming a good sized bush-like plant in a single season. The flowers are composed of three funnel-shaped tubes, growing each within the other, the throat and mouth of each tube being a delicate white and the outside a mottled purple.

The flowers are 8 to 10 inches in length and 5 to 7 inches across the mouth. This novelty is of easy culture, does splendidly in the open ground; may be grown as single specimen, in groups, or among shrubbery.

DAHLIA.

A very popular race of plants that may be had in the greatest variety and beauty from seed both of the single and double sorts. Seed sown in spring will produce some flowers the same season and the large roots will give a profusion of bloom the next year. Tender perennials, 4 to 6 feet high.

Dahlia, Double, Large Flowered.—Large double flowers of perfect form and rich colors and markings10

Cactus.—Finest mixed, from a splendid collection, containing all the best new varieties 15

Single Varieties.—Splendid mixture10

DAISY—See Bellis.

DELPHINIUM—Hardy Larkspur.

Very ornamental, free flowering perennials, with splendid flowers and curiously cut leaves. Indispensable for permanent beds and borders.

Delphinium, Formosum.—Flowers deep blue with white center, in tall, much crowded spikes; 2 to 3 feet high.05

Nudicaule.—Compact and abundant bloomer with large, scarlet flowers; 1½ feet high.10
For annual varieties see Larkspur.

DIANTHUS—Pinks.

The family of Dianthus is by far the most useful of all the biennials and perennials, and for beauty the variety cannot be surpassed. The delicacy and richness of the tints, combined with the aromatic fragrance of many of the species, are valuable recommendations for the entire family.



DIANTHUS, CHINENSIS, FL. PL.

Dianthus, Chinensis, fl. pl.—Double China Pink; a biennial of dwarf habit; flowers the first year but the bloom is stronger the second. Finest double mixture, per oz. 30c.05

Heddewigii.—Finest single mixed; flowers deeply fringed or feathered; broad and round and of exquisite colors. Half-hardy annual, per oz. 50c.05

Heddewigii, Hybridus, fl. pl.—Double Japan Pink; flowers very large and double, two to three inches in diameter and of many brilliant colors. Half-hardy annual. Choicest mixed, per oz. 60c.05

Heddewigii, Hyb. albo-marginatus, fl. pl.—Mourning Pink. The most striking of all pinks. The large double flowers are almost black with a clear fringed edge of white05

Imperialis, fl. pl. — Double Imperial Pink.
Very beautiful; many charming colors.
Extra fine mixture, per oz. 40c.....05

Plumarius.—Pheasant's Eye Pink. The sweet
scented single grass pink. Large finely
fringed flowers. Hardy perennial, per oz.
40c05

DIANTHUS, *BARBATUS*—See *Sweet William*.

DIANTHUS, *CARYOPHYLLUS*—See *Carnation*.

DRACÆNA, *INDIVISA*—See *Cordyline*.

ELICHRYSUM — *Everlasting Flower*.

Very showy summer-blooming annuals producing large, full double flowers of various colors, from bright yellow to scarlet, shaded and tipped. Not only handsome as garden plants, but valuable as an "everlasting" for winter bouquets. When used for this purpose the blossoms should be gathered on the point of expanding. One to two feet high.



ELICHRYSUM.

Elichrysum, *Monstrosum* fl. pl. —Large flowering double, very showy and rich mixture, per oz. 50c.....05

ESCHSCHOLTZIA—*California Poppy*.

Very showy summer flowering annuals; blossoms about two inches in diameter, saucer shaped, of many brilliant and showy colors, are produced in great profusion. Excellent for bedding or borders; also fine for pot culture. One foot high.

Californica, yellow, per oz. 30c.....05

Californica alba, white, per oz. 30c.....05

Californica, mixed, per oz. 25c.....05

EVENING PRIMROSE—See *Oenothera biennis*.

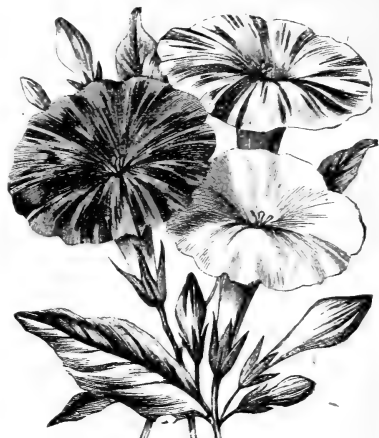
EVERLASTING—See *Elichrysum*.

FEVERFEW—See *Matricaria*.

FORGET-ME-NOT—See *Myosotis*.

FOUR O'CLOCK—*Mirabilis Jalapa*.
Marvel of Peru.

Handsome, sweet-scented free flowering plants; some varieties have beautifully variegated leaves. The flowers are funnel-shaped, white, red and striped, and open about 4 o'clock in the afternoon, remain open all night and generally perish before noon the next day. Hardy annual, two feet high.

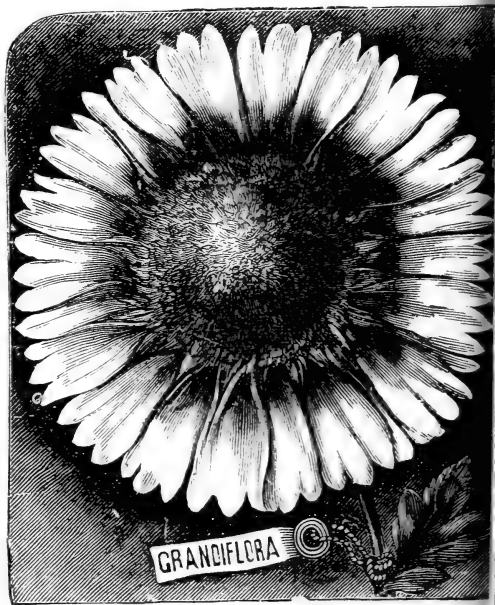


FOUR O'CLOCK.

Four O'Clock, mixed, per oz. 15c.....05

GAILLARDIA.

A very showy and useful class of plants; remarkable for the profusion of bloom, size, and brilliancy of their flowers. Effective when grown in masses, flowering during the entire summer and autumn, 1½ ft. high.



GAILLARDIA.

Gaillardia, *Grandiflora*.—Splendid new perennial varieties with large flowers, dark crimson centers, marked with rings of many different colors. Mixture10

GLOXINIA.

A charming greenhouse plant of dwarf habit producing in great profusion beautiful flowers of the richest and most brilliant colors; thrive best in an equal mixture of peat loam and sand. The bulbs should be kept dry and warm during winter.



GLOXINIA HYBRIDA.

Gloxinia, French Hybrids.—Splendid mixed, the finest varieties25

GODETIA.

GODETIA.

Beautiful garden plants of easy cultivation in any good garden soil, and remarkable for the delicacy of their very large blossoms. Hardy annual; one to one and a half feet high.

Godetia, fine mixed05

GOURDS—*Cucurbita*.

ORNAMENTAL GOURDS.

A tribe of climbers with curiously shaped fruit in various colors. Being of rapid growth they are fine to cover old fences, trellises,

stumps, etc. The foliage is quite ornamental, and the markings of some of the fruit is extraordinary. Do not plant the seed until all danger of frost is over and select rich, mellow ground. Tender annual climber; 10 to 20 ft. high

Gourds, Ornamental.—Mixed, per oz. 25c.... .05

GOLDEN FEATHER—See *Pyrethrum Aureum*.**HELIANTHUS**—See *Sun Flower*.**HELIOTROPE.**

Highly valued for the fragrance of their flowers, and duration of bloom. They succeed in any rich, light soil, and cuttings of the shrubby kinds, taken off while young, start readily. Start under glass. Half hardy perennial; one foot high.

Heliotrope —Choice mixed..... .10

HOLLYHOCK.

The Hollyhock, in its present state of perfection, is very unlike its parent of olden times. It now ranks with the Dahlia, Aster, Camellia, etc. For a back-ground to a flower garden, perhaps no plant is so useful. The flowers are as double as a rose, of many shades of color, from deep yellow, red, purple, to pure white. Hardy perennial; five feet high.



DOUBLE HOLLYHOCK.

Hollyhock, Superb Double.—A prize strain; unsurpassed. Mixture of 15 prize varieties .10

German Double — Mixed, per oz. \$1.00..... .05

HYACINTHUS CANDICANS.

A giant summer-flowering Hyacinth of robust growth, producing a flower stem 3 to 4 feet high, covered with twenty to thirty pure white bell-shaped flowers. Bulbs keep dry over winter, like a Gladiolus..... .05

HUMULUS—*Japanese Hop*.

Humulus Japonicus.—A very ornamental and fast growing climbing plant. Perfectly hardy and seeds itself after the first year. The foliage resembles that of the common Hop, is very dense, and in color a lively green. One of the best plants for covering unsightly objects, verandas, trellises, etc. Per oz., 40c..... .05

Japonicus Variegatus.—A variegated variety of the Japanese Hop. The leaves are beautifully and distinctly marked with silvery-



HUMULUS, VARIEGATED LEAVED.

white, yellowish-white and light and dark green. As with the green leaved variety it is never injured by insects nor affected by the heat, but retains its fresh and bright variegated foliage until late in autumn. .10

IBERIS—See *Candytuft*.**ICE PLANT**—*Mesembryanthemum*.

Handsome and curious plant for hanging baskets, rockwork, vases and edgings. The leaves and stems are succulent and fleshy, and look like rock candy. The whole plant is peculiarly brilliant in the sunshine. The flower is white and not conspicuous. Can be grown in pots or open border, the former having preference. Tender annual trailer; six inches high.

Ice Plant, (*Mesembryanthemum, crystallinum*) .05

IMPATIENS BALSAMINA—See *Balsam*.**IPOMŒA QUAMOCLIT**—See *Cypress Vine*.**JOB'S TEARS**—*Coix Lacryma*.

Curious ornamental grass with broad corn-like leaves. Valuable for the formation of winter bouquets, in connection with everlasting flowers. The seeds are of a light slate color; strings of handsome beads may be made from them. Hardy annuals; three feet high, per oz. 15c..... .05

JOSEPH'S COAT—See *Amaranthus Tricolor*.**LARKSPUR**—*Delphinium*.

The Larkspur is one of the handsomest and most useful of plants, and for large gardens it is invaluable. The leaves are much divided; flowers in terminal spikes. The brilliancy of some of the colors is unsurpassed. Hardy annuals.

Larkspur, Double Dwarf German Rocket.—Very free flowering species. Flowers in spikes. One foot high. Mixed, per oz. 25c..... .05

Tall German Rocket.—Two feet high. Finest mixed, per oz. 25c..... .05

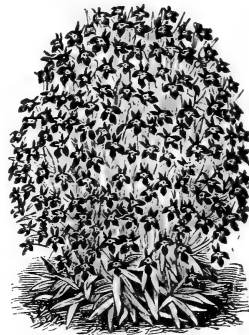
Stock-Flowered, Tall Branching.—A tall branching variety with beautiful long spikes of flowers, 2 feet high. Mixed, per oz. 25c... .05

For perennial varieties see *Delphinium*.

LATHYRUS ODORATUS—See *Sweet Peas*.**LAVENDER**—*Lavendula Spica*.

A well-known sweet scented hardy perennial, bearing long spikes of fragrant blue flowers, 1 to 2 feet high. Should be extensively grown in the mixed border.

Per oz. 15c..... .05

LOBELIA.

LOBELIA, CRYSTAL PALACE COMPACTA.

One of the most elegant and useful plants, of easy culture, and well adapted for bedding, edging, pots or rockeries. Half-hardy annuals.

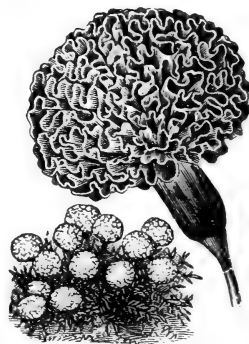
Lobelia, Erinus Gracilis.—Light blue. Fine for baskets, vases, etc., training gracefully and blooming profusely. Six inches high... .05

Crystal Palace Compacta.—Deep rich blue, splendid for edging and carpet bedding. Four to six inches high..... .05

LOPHOSPERMUM.

Highly ornamental annual climber, with showy foxglove-like flowers. 10 feet.

Lophospermum Scandens.—Rosy purple.... 10

LOVE-LIES-BLEEDING—See *Amaranthus Caudatus*.**MARIGOLD**—*Tagetes*.

MARIGOLD, EL DORADO.

The Marigold has been an inhabitant of the flower garden from time immemorial, and where a rich display of bloom is desired, is almost indispensable. The African varieties are tall, growing usually two feet or more, while the French are more dwarf, of more perfect form and gorgeous beauty; all are desirable. Half-hardy annuals, in bloom till frost comes.

Marigold, Tall African Orange. (*Tagetes erecta* fl. pl. aurea), bright orange yellow..... .05

Tall African Lemon. *Tagetes erecta*, fl. pl. sulphurea) lemon yellow..... .05

- Tall African.** (*Tagetes erecta*) mixed sorts, per oz. 40c..... .05
- Tall African, El Dorado.** (*Tagetes erecta*, fl. pl. fistulosa). Flowers very large, quilled and extremely double. Colors in all shades of yellow..... .10
- Dwarf Double French.** (*Tagetes patula nana*). Bright attractive colors, mixed, per cz. 40c..... .05

MARVEL OF PERU—*Mirabilis**Jalapa. See Four O'Clock.***MATRICARIA.**

- Matricaria Capensis*, fl. pl.** (Feverfew). Bushy annual garden plant, useful for bedding. Flowers much used for cutting. Double white, fine..... .05

MESEMBRYANTHEMUM CRYSTALLINUM—*See Ice Plant.***MIGNONETTE.****MIGNONETTE, MACHET.**

A well known hardy annual, producing dense semi-globular heads of exceedingly fragrant flowers, borne on spikes from three to six inches long. Is in bloom nearly the whole season, and is so fragrant that the whole atmosphere around is perfumed. If sown at intervals during the spring and early summer, it will be in bloom till killed by the frost. Seeds sown in autumn will bloom early in spring. Hardy annual; perennial if protected; one foot high.

Mignonette, Sweet, Large Flowered. (*Reseda Odorata grandiflora*) per oz. 10c..... .05

Matchet. (*Reseda grandiflora*). An entirely new and distinct sort of great merit. It is of dwarf and vigorous growth, and throws up numerous stout flower stalks, terminated by massive spikes of deliciously scented red flowers. One of the very best sorts for pot culture, per oz. 75c..... .05

Golden Matchet.—A new and distinct variety, possessing all the excellences peculiar to the popular Matchet Mignonette, which sort is recognized by every grower as the best for forcing and pot culture. The plants are of strong, compact habit, with large crinkled leaves, and bear massive spikes of golden yellow blossoms..... .10

Allen's Defiance.—Magnificent, even in the open ground. When grown under favorable conditions, and with proper care in the greenhouse, its full round spikes will be of gigantic size, measuring from 12 to 15 inches long, and of an intensely rich perfume. Its great strength is accompanied by extraordinary keeping qualities; the graceful spikes retain their beauty and fragrance in water for 2 weeks after cutting..... .10

Miles Hybrid Spiral. (*Reseda grandiflora spiralis*). A vigorous grower; spikes of pink flowers 8 to 12 inches long. Very fragrant; plant dwarf and branching; per oz. 30c. .05

MIMOSA—*See Sensitive Plant.***MIMULUS.****MIMULUS, TIGRINUS.**

Handsome flowers of easy cultivation. Perennial in the greenhouse, annual in the open air.

Mimulus, Mochatus (Musk Plant); cultivated on account of the musky odor of the leaves..... .10

Mimulus, Tigrinus Grandiflorus (Monkey Flower); beautiful, large, tigered and spotted flowers; blooms the first year..... .10

MIRABILIS JALAPA—*Marvel of Peru. See Four O'Clock.***MONKEY FLOWER—*See Mimulus Tigrinus.*****MOURNING BRIDE—*See Scabiosa.*****MUSK—*See Mimulus Mochatus.*****MYOSOTIS—*Forget-me-Not.*****MYOSOTIS.**

An old favorite plant, bearing clusters of star-shaped, delicate blue flowers with white and yellow eyes. It flourishes best in a moist, shady situation, and it is in constant bloom nearly the whole season. If the seed be sown in autumn, it will succeed best, and flower early in spring. Hardy perennial; six inches high.

Myosotis, Alpestris. blue, per oz. \$1.00..... .10

MORNING GLORY.

One of the most free flowering and rapid growing plants in cultivation. It is so hardy as to grow and thrive in almost any soil or situation.

Morning Glory, Double.—(*Ipomoea Purpurea*, fl. pl.) A double *Convolvulus* coming 75 to 85 per cent. true from seed. Is of rapid growth and produces its double flowers very freely; the remainder of the flowers are semi-double and single. The flowers are white with spot of red or blue at base of the large petals. Three packets 25c.. .10



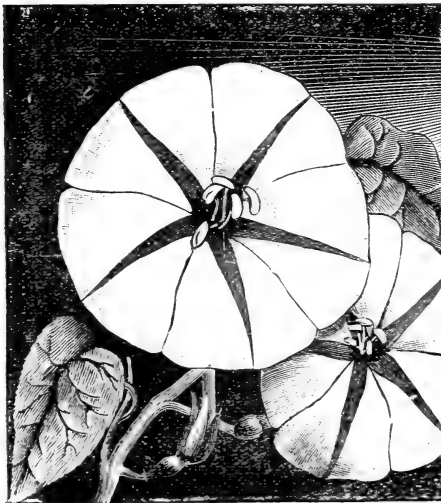
MORNING GLORY.

Morning Glory, Imperial Japanese.—A magnificent new class, with gigantic flowers measuring 4 to 6 inches across and of an endless variety of colors running through all shades of blue and of red from palest pink to the darkest shades of red and purple; some are streaked, mottled, striped, marbled and bordered in wonderful profusion. Of the easiest culture and very rapid growth; grows in any common garden soil, attaining a height of 30 ft. during the summer. Very attractive even before flowering, on account of the varied forms and markings of the foliage, some of the leaves being a dark green while others are golden, and many of them marbled, margined and streaked with silvery white, green and grey. Grand mixture of all varieties. Per oz. 75c., three packets 25c. 10

Morning Glory.—(*Convolvulus Major*.) Handsome showy climber of easy culture, and suitable for covering arbors, windows, trellises, old stumps, etc. Ten feet high, per lb. 60c. per oz. 10c. 05

DWARF MORNING GLORY—See *Convolvulus Minor*.

MOON FLOWER—*Ipomœa*.



MOON FLOWER.

Moon Flower, New Hybrid.—It makes an immense growth of vine and deep foliage, and is of great value in the north, as it is in full bloom fully one month before the old varieties. The large flowers are four to six inches in diameter and very numerous, completely covering the foliage at places. They vary in form on different plants, some being scalloped, others per-

fectly round, others star-shaped; the foliage also varies from the original shape, to oak-leaved and heart-shaped forms. Per oz. 75c. 10

NASTURTIUM—*Tropæolum*.

Tom Thumb, or Bedding Sorts.

A bed of Dwarf Nasturtiums in the yard is very brilliant and attractive, and blooms all the season. The flowers are more brilliant if the soil be not over rich. Give each plant a foot of room. Hardy annual; one foot high.

Nasturtium "Lilliput" (*Tropæolum Lobbianum compactum*).—An entirely new class of Dwarf Nasturtium; the plant is in every respect smaller than Tom Thumb. The dainty little flowers are produced in the greatest profusion and appear in various and showy colors. Highly effective for groups and borders. Per oz. 30c. 10

Tom Thumb, Scarlet—(*Tropæolum minor coccineum*). Very bright, per oz. 20c. 05

Tom Thumb, Crimson.—(*Tropæolum minor atropurpureum*). Rich velvet crimson, per oz. 20c. 05

Tom Thumb, Empress of India.—Splendid dark leaved variety, with brilliant crimson flowers, per oz. 25c. 05

Tom Thumb, King of Tom Thumbs—Scarlet with dark foliage, per oz. 25c. 05

Tom Thumb.—Mixture of many fine sorts, per lb. \$1.50, per oz. 15c. 05

NASTURTIUM.

Tall or Climbing Sorts.

The Tall Nasturtium is a very rapid grower, and strikes freely from cuttings, but seeds sparingly. The colors are very brilliant and of many shades, from scarlet to black. Fine for covering arbors, trellises and rustic work. Hardy annual; ten to twenty feet high.



NASTURTIUM, MADAM GUNTER'S HYBRIDS.

Madam Gunter's Hybrids.—A new race in which the petals are much broader than in the old sorts, and the colors are more varied and brilliant, embracing rose, pink, salmon, purple velvety dark maroon, light yellow and deep orange in self colors, as well as striped and blotched shades. The plants are exceedingly vigorous, and wonderfully profuse bloomers, growing from five to six feet high. A decided advance over the old types. Per oz., 25c. 10

Nasturtium, Lobb's Climbing Varieties.—(*Tropæolum Lobbianum*). The leaves and flowers are somewhat smaller than the ordinary Tall Nasturtium, but the varieties are more profuse flowering and have brighter foliage. Mixture of splendid sorts, per lb., \$2.50; per oz. 20c. .05

Tall.—*Tropæolum majus*. Mixture of choice varieties, per lb. \$1.50, per oz. 15c. .15

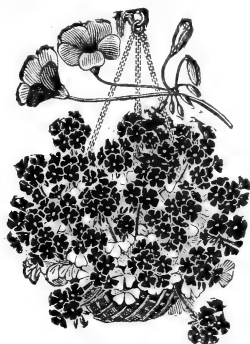
NICOTIANA.

Nicotiana, Affini.—A genus of garden plants of the tobacco family, which are noted for the freedom and fragrance of their bloom. Plants attain a height of two feet and produce an abundance of large, pure white star-shaped flowers of delicious fragrance. If the plants are taken up in the fall, cut back and potted, they will bloom nicely in the house during the winter. .05

GENOTHERA.

Genothera, Biennis.—(Evening Primrose.) Fine free flowering plants, best for back grounds or shrubbery borders. Large saucer shaped flowers that open at dusk and emit a delightful perfume. Hardy annual; per oz. 20c. .05

OXALIS.



OXALIS.

Very pretty herbaceous plant with rich rose colored blossoms. They thrive well in a mixture of loam and sand; they should not be watered after they have done flowering until they begin to grow afresh. Are very desirable for greenhouse decoration, rock work, or baskets out of doors. The plants can be wintered successfully in cold frame if they are kept dry and the frost is excluded. Half-hardy perennial.

Oxalis, choice mixed. .05

PANSY—*Viola, Tricolor Maxima*.

These lovely flowers are favorites with all, not only for the brilliancy and variety of their color, but for the durability of their bloom. Seed may be sown in open ground in spring or summer, or in hot-bed early in spring. Young plants produce the largest and best flowers. The plants should always occupy a cool, partially shaded situation, and the ground cannot be too rich; coolness and moisture are necessary. Transplant when an inch high. Seed sown in July will blossom late in autumn; if sown in October, will bloom the following spring. Hardy biennial, four inches high.

Separate Sorts.

Black, or Dr. Faust.—(Queen of Blacks). Deep jet black, per oz. \$1.50. .05

Coquette de Poissy.—An entirely new color in Pansies, unlike anything before known, being a distinct mauve color; of good size, regular compact growth. .15

Emperor William—Ultra-marine blue with dark center, per oz. \$1.50. .05

Giant Beaconsfield.—Ground color purple violet shading off in upper petals to lavender and white, per ¼ oz. 75c. .10

Giant Snowflake.—An excellent new Pansy offered for the first time. Satiny white; very pretty. .10

Gold - Margined.—Very distinct and showy. Bright golden margin, per oz. \$1.25. .05

Peacock.—A beautiful large flowered pansy of English origin. The upper petals are rich ultra-marine blue, the lower petals a deep claret, blotched with deep blue shading to black, the whole flower edged with white. .10

President Carnot.—A valuable new French Pansy; the flowers are large and of elegant shape. Each of the five petals is margined with clear white, while the greater surface of each is covered with a rich deep violet blotch, the two colors forming a very handsome combination. .15

Silver-Edged.—Dark purple with white edge, per oz. \$1.25. .05

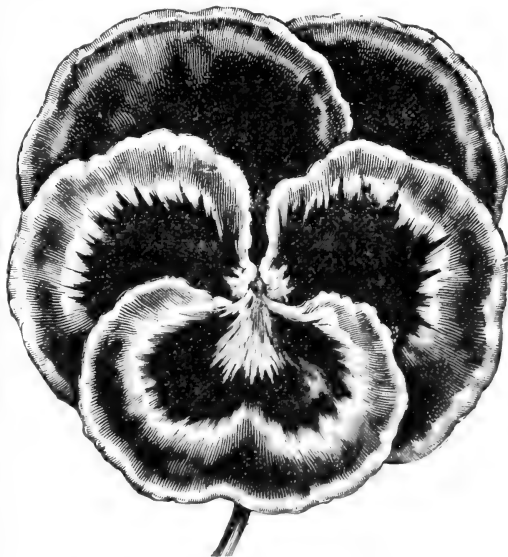
Victoria—Very effective; rich velvety petals of a bright claret color; the nearest approach to a scarlet in Pansies. .10

Yellow, Black Center.—Very showy; has large black eye, per oz. \$1.25. .05

Yellow Gem.—Pure yellow, without eye. One of the showiest pansies, per oz. \$1.50. .05

Mixtures.

"Greater Cleveland" Mixture.—The finest mixture ever offered. Contains over 65 different colors, shades and markings; beautiful, rare varieties, and new shades that can only be had in this mixture, besides the large stained and blotched sorts, and strains of the leading kinds of commerce, which by careful culture from season to season have been brought to a high degree of perfection. The flowers are of perfect form, enormous size, measuring from two and one-half to four inches in diameter; they will please everyone. In "Greater Cleveland" Mixture we have the cream of varieties, secured regardless of cost from Pansy specialists of our own country and Europe. Five packets \$1.00. .25



TYPE OF "GREATER CLEVELAND" PANSIES.

Giant Trimardeau.—An entirely distinct and beautiful race, with flowers of the richest and most varied shades of color. The plants are of vigorous and compact growth and the flowers are each marked with three large blotches or spots, per ¼ oz. 75c. .10

Odier or Blotched—A superb strain of three and five blotched show pansies, unsurpassed for shape, markings and richness of color of the flowers as well as for habit of growth, per $\frac{1}{8}$ oz. \$1.00..... .15

Cassier's Very Large-Flowered Blotched.—An especially recommendable strain of largest flowered class of blotched Pansies, per $\frac{1}{8}$ oz. \$1.25..... .15

Bugnot's Superb Blotched.—A very beautiful class; extra large flowers with broad blotches and delicate markings; yields a great diversity of the handsomest and rarest colors, per $\frac{1}{8}$ oz. \$1.50..... .20

Giant Striped.—A beautiful mixture. Flowers striped and mottled in various tints on contrasting grounds, per $\frac{1}{8}$ oz. 75c..... .10

Tilton's Giant Pansy Mixture—A splendid mixture of the finest giant flowering varieties; embraces the Odier, Cassier and Bugnot strains, the distinct colors of Trimardeau, and many other shades and colors that are not found in other mixtures.

Per $\frac{1}{8}$ oz. \$1.00. Per pkt. (250 seeds) 15c. Per pkt. of 100 seeds 10c.

Very Fine Mixture.—Composed of over thirty separate varieties, remarkably showy and rich in color, per oz. \$1.50..... .05

PARIS DAISY—See *Chrysanthemum Frutescens*.



PETUNIA, SINGLE LARGE FLOWERED FRINGED.

PETUNIA.

Well known very ornamental plants producing fragrant and beautiful flowers; they are unsurpassed for massing in beds, and for greenhouse or window culture are valuable. The richness of color, duration of bloom, and easy culture will always render them popular. Tender perennials, but will bloom the first season; one and one-half feet high.

Petunia, Grandiflora Fimbriata—Single large flowered fringed. A superb strain of finely fringed flowers, measuring over 4 inches in diameter; remarkable for their brilliancy and variety of color. The seed is saved from finest specimens. Mixed varieties. .25

Grandiflora fl. pl.—Double large flowered. Flowers very double, 3 to 4 inches across and of most beautiful colors. Fecundated with scrupulous care. Extra fine mixed, 100 seeds..... .25

Grandiflora Fimbriata fl. pl.—Double large flowered fringed, 100 seeds..... .25

Hybrida, Inimitable—Striped and blotched. Many beautiful colors and combinations. Single mixed, per oz. \$1.00..... .05

Hybrida, flowers large and in a great variety of colors. Very rich mixture, per oz. \$1.00..... .05

PHLOX.

Among the most esteemed favorites in the list of flowers. Remarkable for the brilliance and abundance of their large terminal flowers, completely hiding the foliage. The blossoms are of many colors from pure white to deepest purple, eyed and striped. For masses and separate colors and for cutting for bouquets, they are unsurpassed. Hardy annual, one foot high.

Phlox Drummondii, mixed, a great variety of colors, per oz. 50c..... .05

Large Flowering Phlox.

A magnificent class producing flowers nearly twice as large as the ordinary Phlox and of the most brilliant colors imaginable.

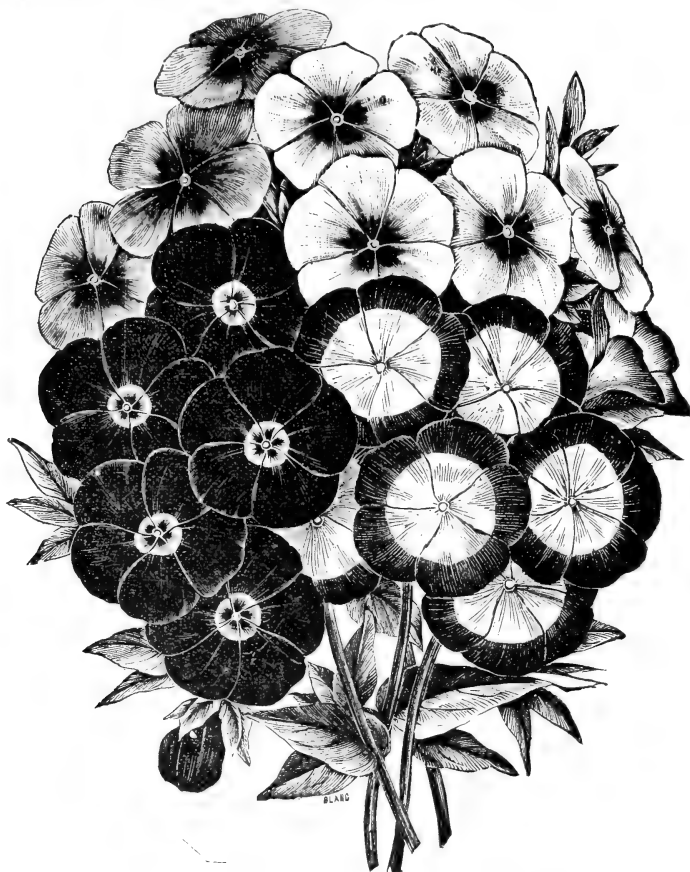
Phlox Drummondii Grandiflora Alba.—Pure white, beautiful, per oz. \$1.00..... .10

Grandiflora "Brilliant".—Brilliant rose with dark red center; very effective, per oz. \$1.00..... .10

Grandiflora Carminea Alba Oculata.—Rich carmine, white eye, per oz. \$1.00..... .10

Grandiflora Chamois Rose.—Beautiful shade of rose, per oz. \$1.00..... .10

Grandiflora Coccinea.—Deep scarlet, very brilliant, per oz. \$1.00..... .10



PHLOX DRUMMONDI GRANDIFLORA.

Grandiflora Kermesina Splendens.--Vivid crimson; very bright and effective; one of the best for masses, per oz. \$1.00..... .10

Grandiflora, Splendid Mixed.--Richest variety of color. Per oz., 75c..... .10

Star Phlox.

A splendid class for bouquets. Flowers are of a regular star like form, very novel and beautiful.

Phlox Drummondii Cuspidata.--Finest mixed, per oz. \$1.00..... .10

Perennial Phlox.

Magnificent hardy flowering plants, growing into strong bushes 2 to 3 feet high, bearing immense heads of large waxy flowers. Will flourish in any soil, and require no protection.

Phlox Decussata.--Mixed; a great variety of colors..... .10

PINK--See *Dianthus*.

POPPY--*Papaver*.

Old fashioned flowers but very popular; there are a few species of great beauty, which are an ornament to any garden.

Poppy, Tulip. (*Papaver Glaucum*.) Flowers vivid scarlet with black spot at base of each petal; of tulip shape, the two other petals forming a distinct tulip cup. Plants grow about one foot high and produce from fifty to sixty brilliant flowers well above the foliage, resembling scarlet tulips. Hardy annual05



POPPY, THE SHIRLEY.

The Shirley.--(*Papaver Rhoeas*.) A magnificent Poppy with a rich tissue paper like appearance, the colors ranging from purest white to all shades of pink, rose, carmine and richest crimson, with an entire absence of black. Flowers are single and semi-double. Hardy annual; very rich and effective mixture..... .05

Double Carnation-Flowered. (*Papaver somniferum* fl. pl.) Large, globular flowers finely slashed and fringed. Plants from two to two and one-half feet high. A great variety of colors. Mixed, per oz. 20c..... .05

Double Pæony-Flowered. (*Papaver pæoniflorum* fl. pl.) A splendid class, with large double flowers, greatly resembling Pæonies. Mixed, per oz. 20c..... .05

Iceland.—(*Papaver nudicaule*). Hardy perennials, but will produce flowers the first season from spring-sown seed. The flowers are white, yellow and orange scarlet; are very useful for cutting and are produced in great profusion. The plants are very graceful, about twelve inches in height. Single finest mixed..... .05

PORTULACA—Rose Moss.

There are scarcely any flowers in cultivation that make such a dazzling display of beauty as a bed of many-hued brilliant-colored Portulacas. Whether used in baskets, beds or edgings, their splendid flowers are produced in great profusion and are very effective. They are in bloom from the first of July till killed by frost in autumn. Tender annual; nine inches high.

Portulaca, Grandiflora.—Single mixed, many colors, per oz. 40c..... .05

Grandiflora, fl. pl.—Double, mixed, finest quality..... .10



PRIMULA CHINENSIS FIMBRIATA.

PRIMULA.

Primula Auricula.—An old and well-known favorite. Clusters of fragrant flowers of many colors. Tender perennials, six inches high. Finest quality, mixed..... .10

Primula Chinensis.—(Chinese Primrose.) One of the most desirable plants for the house or conservatory; about eight inches high, with pretty and attractive foliage and flowers one and one-half to two inches in diameter, borne in clusters of twenty-five to thirty. They are fine for winter and spring blooming and if transferred to the border will bloom nearly all summer. Perennial, but new plants flower more freely and seed should be sown every year. One of the best pot plants.

Finest Fringed Varieties.

- Primula Chinensis Fimbriata Rubra.** Fringed red.....25
- Fimbriata Alba.** Fringed white; excellent.....25
- Fimbriata Alba Magnifica.** Fine pure white, with bright yellow eye; delicately fringed.....25
- Fimbriata Coccinea.** Bright red; very effective color.....25
- Fimbriata Kermesina Splendens.** Crimson with yellow eye.....25
- Fimbriata Striata.**—White, striped with red very fine.....25
- Fimbriata Mixed.**—Contains nothing but the finest sorts, and cannot fail to give satisfaction.....25

Primula Obconica.—A profuse blooming Primrose, bearing on long stems, heads bearing from 10 to 15 flowers. It thrives in a cool house, and will grow in favor with those desiring plants that will grow easily. Flowers are pure white, shading occasionally to lilac, and have the true Primrose fragrance..... .10

PYRETHRUM.

Pyrethrum Partheniifolium Aureum.—(Golden Feather). Beautiful gold-leaved bedding plant; used largely for carpet bedding, edging, etc. Per oz. 75c..... .05

RICINUS—See Castor Oil Plant.

SALVIA—Flowering Sage.

Salvia Splendens.—(Scarlet Sage.) This is the most gorgeous of all plants. Grows 2 to 3 feet high, flowering in the open ground the entire summer and until frost in fall, when the plants can be removed to the greenhouse and will continue in bloom a long time. A single plant will carry as many as 200 spikes of flowers, each spike from 8 to 10 inches long, presenting a blaze of flaming scarlet completely concealing the foliage. Half-hardy perennials..... .05

Salvia Patens. Handsome foliage and erect strong stems, bearing heads of broad tubular lipped flowers of a rich bright blue color..... .10

SAPIGLOSSIS

Very showy bedding or border plants, with richly colored, erect funnel-shaped flowers. The colors are beautifully marbled and penciled, purple, scarlet, crimson, yellow, buff, blue, and almost black. Bloom from August to October. Half hardy annual, 1½ to 2 feet high.

Sapi glossis, Grandiflora.—Large flowering, finest mixed05

SCABIOSA—Mourning Bride.

Handsome flowers of exceeding sweetness, in hemispherical heads on long stems. Very useful for bouquets, as their long stems work easily, and their striking colors, as well as fragrance, are desirable. Hardy annual, one to two feet high.

Scabiosa, Candidissima fl. pl. (Snowball.) Large flowering double, pure white. Very fine.....05

Large-Flowering Double. Finest mixed. Per oz. 30c.....05

Dwarf Double. All colors. Per oz. 30c.....05

SENSITIVE PLANT—Mimosa Pudica.

A very curious plant, with elegant foliage and globular heads of pink flowers; well known for the extreme irritability of its leaves and foot stalks which close and droop at the slightest touch, or in cloudy, damp weather, and during the night. Tender annual, one and a half feet high.

Sensitive Plant. Per oz. 50c.....05

SMILAX—Myrsiphyllum Asparagoides.

No climbing plant in cultivation surpasses this for the graceful beauty of its foliage. In cut flowers and for wreaths, etc. it is indispensable to florists. Its hard texture enables it to keep several days after being cut, without wilting; nothing is finer for clothing statuettes, vases, etc. The seed germinates very slowly, sometimes requiring three or four months. Tender perennial climber, ten feet high.

Smilax. Per oz. 75c.....10

SNAPDRAGON—See Antirrhinum.**STOCK.**

The stock is one of the most popular plants either for bedding or for pot culture. It has for many years been a general favorite, but in late years the Germans have grown them in such perfection that they are considered almost indispensable where a fine display is wanted. A large proportion of the double flowers is produced from seed. Hardy annual; one foot high.

Stock, New White Perpetual, or Cut and Come Again; of strong growth and fine branching habit. Grows about

1½ feet high and produces from spring to late in the fall pure white, beautifully shaped double flowers.....10

Large-Flowering Dwarf Ten Weeks, white.....10

Brilliant rose.....10

Crimson.....10

Blood red.....10

Light blue.....10

Purple.....10

mixed, a very rich mixture, per oz. \$2.50.....10

Dwarf, German, Ten Weeks.—Fine mixed, per oz. \$1.50.....05

SUNFLOWER—Helianthus.

Adapted by its stately growth for a back ground to a lawn or screen to hide unsightly places. It is also raised as an absorbent of miasma in damp or ill drained situations, thus preventing fevers. The flowers are really quite attractive. Hardy annual; five feet high.



SUNFLOWER, DOUBLE.

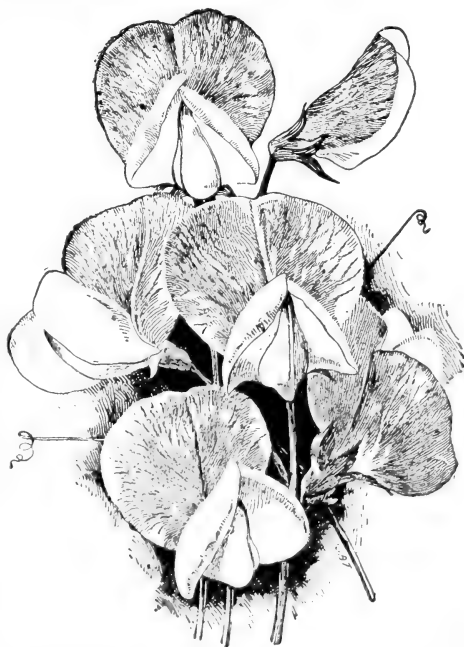
Sunflower, Double. (Helianthus Californicus, fl. pl.) Large double orange, per oz. 15c.. .05

Globe-Flowered Double. (Helianthus Globosus Fistulosus fl. pl.) Enormous flowers of bright yellow color; 5 to 6 ft. high, per oz. 15c.....05

Dwarf Double. (Helianthus nanus fl. pl.) Golden yellow; 2½ to 3 feet high; True. Per oz. 15c.....05

Cucumerifolius "Stella"—The plants of this grand new Sunflower are well branched and bushy, and attain a height of 3 to 4 feet. The flowers are finely formed, 2½ to 3 inches across, of pure golden yellow, with black discs; borne on long stems, well above the lively green foliage. When grown in a sunny situation the plants bloom so abundantly from seed sown in spring, that flowers may be cut daily from early summer until killed by frost.....10

Large Russian.—A very tall growing single variety, often fifteen to twenty feet high; the stalks are sometimes used for fuel, per oz. 5c.....05

SWEET PEAS—Lathyrus Odoratus.

SWEET PEA, EXTRA EARLY BLANCHE FERRY.

Few flowers are more deservedly popular than these showy, free flowering climbers. The purity and brilliancy of their coloring and their peculiar and graceful form make them universal favorites. They are unsurpassed for hedges and for cutting.

Culture—Sweet Peas should be sown in drills as early as possible in the spring, in rich friable soil. Prepare the bed by thoroughly working in a large quantity of well rotted manure. Make a trench six inches deep. In this sow the seed and cover two inches deep; as soon as the plant begins to show through, fill in the trench. This will secure a deep planting without the bad effect of deep covering of the seed at first, and so enable the plant to bloom continually through the heat of the summer. As fast as the flowers come into bloom or fade, they should be cut off, for if the pods are allowed to form, the plants will stop blooming.

Our stocks are from the Mammoth Sweet Pea Fields of California; carefully rogued; grown by the best growers who know the true varieties. They will be found TRUE TO NAME

The First Dwarf Sweet Pea—"Cupid"

A distinct American novelty; shows no tendency to climb, but branches from the root, forming a compact, bushy plant 5 inches high and about 15 inches across. It is a wonderfully free bloomer; the flowers are clear white, of good substance, full size and borne two and three on the end of each stem. "Cupid" is well adapted for growing in pots or as a border plant. Per pkt. 5c; oz. 15c; 1/4 lb. 50c.

Pink Cupid—A New Dwarf Sweet Pea. The First Colored Cupid.

In habit and manner of growth it is strictly a Cupid; growing from 6 to 8 inches high, and shooting up stems about six inches long, which bear from 3 to 4 handsome blossoms, all borne close to the end of the stem. The flowers are of full size and of the same color as the well-known Blanche Ferry. The seed which is black, is of strong germination, and the plant an early bloomer, vigorous and hardy. Like the white Cupid, it is desirable both for pot culture and planting in the open ground, and valuable also as a plant for edgings. Regular size packet (containing 24 seeds) 25c; 5 pkts. \$1.00; half size pkt. (containing 12 seeds) 15c; 2 pkts. 25c; 10 pkts. \$1.00.

OUR SELECT LIST OF SWEET PEAS

Includes the best, in both new and old varieties. All varieties are 5c. per packet.

	Oz.	1/4 lb.	Lb.
America , cardinal stripe on white ground.....	\$0.10	\$0.20	\$0.70
Apple Blossom , bright pink and blush.....	.10	.20	.50
Aurora , flaked orange salmon on white ground.....	.15	.30	1.00
Blanche Burpee , pure white; of exquisite form and immense size. Very free flowering.....	.10	.25	.75
Blanche Ferry , pink and white.....	.10	.20	.50
Blanche Ferry, Extra Early , color same as Blanche Ferry; 10 days earlier, of dwarfer habit; profuse flowering.....	.10	.20	.75
Blushing Beauty , delicate pink.....	.10	.20	.50
Boreatton , bronze, crimson and purple.....	.10	.20	.50
Butterfly , white and lilac.....	.10	.20	.50
Captain of the Blues , purplish claret; wings lighter, shading to pale blue.....	.10	.30	.50
Captivation , ruby purple or bright claret.....	.10	.25	.75
Cardinal , crimson scarlet.....	.10	.20	.50
Coquette , primrose yellow shaded with pale lavender.....	.15	.35	1.25
Creole , pinkish lavender and light lavender.....	.15	.40	1.50
Countess of Radnor , delicate lavender.....	.10	.20	.60
Dorothy Tennant , rosy heliotrope.....	.10	.20	.60
Duke of Clarence , brilliant shade of rosy claret.....	.10	.20	.60
Emily Eckford , heliotrope.....	.10	.25	.75

Sweet Peas—Continued.

	Oz.	1/4 lb.	Lb.
Emily Henderson , beautiful pure white.....	\$0.10	\$0.20	\$0.50
Fairy Queen , pinkish white, delicately striped with crimson.....	.10	.20	.50
Firefly , intense glowing crimson-scarlet.....	.10	.25	.75
Gaiety , white, lilac and rose striped.....	.10	.20	.60
Gray Friar , pale purple on white ground; distinct, beautiful.....	.10	.25	.80
Invincible Scarlet , bright scarlet.....	.10	.20	.50
Luanita , pure white, delicately lined and striped with pale lavender.....	.10	.25	.80
Katherine Tracy , solid brilliant pink; the finest pink in existence.....	.10	.25	.75
Lady Penzance , orange pink; wings darker purer pink.....	.10	.20	.60
Lemon Queen , blush white, shaded lemon.....	.10	.20	.60
Lottie Eckford , white, edged lilac; beautiful.....	.10	.20	.60
Lovely , soft shell pink.....	.15	.40	1.50
Mars , intense crimson scarlet. Eckford's novelty 1897.....	.15	.40	1.50
Mrs Eckford , beautifully shaded primrose yellow.....	.10	.20	.60
Mrs. Sankey , pure white, fine.....	.10	.20	.60
Orange Prince , bright orange, flushed pink.....	.10	.20	.60
Primrose , pale primrose yellow.....	.10	.20	.60
Princess of Wales , white, shaded and striped with purple.....	.10	.20	.50
Ramona , creamy white, flaked with soft pink.....	.10	.25	.80
Red Riding Hood , rosy pink, shading to bluish white at the calyx; very fragrant; entirely distinct; new.....	.10	.30	1.00
Senator , shaded and striped chocolate purple and white.....	.10	.20	.50
Stanley , rich dark maroon; handsome.....	.10	.20	.60

Sweet Peas in Mixture.

Golden Gate Mixture , containing forty of the finest Eckford and other new and choice large flowering varieties; (our own mixture) will be sure to please.....	.10	.25	.75
Eckford's New Mixed , a mixture of Eckford's choicest varieties. Will astonish and delight everyone.....	.10	.20	.60
Choice Mixed , many choice colors; will make a beautiful display.....	.05	.10	.30

SWEET WILLIAM—*Dianthus Barbatus*



SWEET WILLIAM.

A bed of the finer varieties sports into an endless variety of colors, and presents a beautiful sight. For display in the garden, the Sweet William is unsurpassed. The seed can be planted very early in the spring in open ground and will blossom the following autumn; or it can be sown in August and will make fine blooming plants for spring. The plants will bloom several years, but young plants will bloom better, and seed should be sown every year. Hardy perennial, one and a half feet high.

Sweet William, Double, (*Dianthus Barbatus* fl. pl.) Fine mixed, per oz. 75c.....05
Sweet William, Single. Mixed, per oz. 50c.....05

TROPÆOLUM MINOR—See *Dwarf Nasturtium*.

TROPÆOLUM—*Lobbianum & Majus*. See *Tall Nasturtium*.

VERBENA.

No plant is more generally cultivated, or more eagerly sought after than the *Verbena*, and no plant excels it for masses in beds on the lawn. In the varieties may be found every color except yellow. They flower perfectly well from seed sown in spring. If sown in open ground in May they will bloom in August, but if started in the house, in pots, in winter, they will be in bloom sooner. Half-hardy perennial trailer; one foot high.

Verbena, *Hybrida*, *Mammoth*.—Has flowers nearly twice as large as the ordinary sorts, of very brilliant colors and large distinct eyes. The plants are vigorous growing and very free flowering, per oz. \$2.50.....10

Hybrida, *Auriculiflora*, *Coerulea*. Sky blue, with white center; very showy.....10

Hybrida, *Candidissima*. Pure white; large trusses of snow white flowers.....10

Hybrida, *Dark Blue*. Has white eye.....10

Hybrida, *Defiance*. Scarlet; very brilliant; fine for bedding.....10

Hybrida, *Striata*. Italian Carnation-like striped.....10

Hybrida, fine mixed; seed saved from a beautiful collection, per oz. \$1.50.....05

Verbena, *Citriodora*. (*Aloysia*) Lemon *Verbena*. A universal favorite. Lemon scented foliage.....10

VIOLET—*Viola*.



VIOLET.

The Violet should not be wanting in any garden, on account of its fragrance and early appearance. A single flower will perfume a whole room. Succeeds best in a shady, sheltered place and can be easily increased by dividing the roots. Double violets do not seed. Hardy perennial; 8 x inches high. The seed germinates very slowly.

Violet, *Single*, *Sweet-scented*. (*Viola odorata semperflorens*.) Flowers blue.....10

VINCA.

Ornamental free-blooming plants; flowering from seed the first season if sown early, and continuing until frost. Glossy green leaves and handsome flowers. May be potted and kept in bloom through the winter. 1½ to 2 feet high.

Vinca, *Rosea*. Rose, with crimson eye.....10

" *Rosea Alba*. White with rose center.....10

" *Alba Pura*. Pure white.....10

" *Fine Mixed*.....05

WALL FLOWER—*Cheiranthus Cheiri*.



WALL FLOWER, GERMAN DOUBLE.

The large massive spikes of the Wall Flower are very conspicuous in beds and borders, and are very useful in making bouquets. They are deliciously fragrant and combine many shades of color. Tender perennial; one and a half feet high.

Wall Flower, *Fine German Double*, mixed.....10

" *Single*. Per oz. 40c.....05

ZINNIA.

No flowers are more easily grown from seed in the open ground, and few bloom so continuously through the summer and autumn as the *Zinnia*. They grow two feet high and bear flowers of immense size, perfectly double, and as perfect in form as Dahlias. Hardy annual.

Zinnia, *Elegans*, fl. pl.—Tall Double, mixed Perfectly double flowers of grand form, large size and brilliant colors, per oz. 30c. 05

Mixed Flower Seed, annuals, for open ground sowing. Makes a grand display, per oz. 10c.....05

COLLECTIONS OF FLOWER SEEDS IN PACKETS.

STRICTLY OUR OWN SELECTION.

Where the selection of Flower Seed is left to us, we make up collections of choice varieties of easy culture and free blooming habit, at the prices named below.

These collections will invariably be found very satisfactory, particularly to those purchasers who are not familiar with the different varieties listed.

Collection No. 1—12 Choice Annuals, distinct varieties.....	\$0.50
" 2—18 " " ".....	.75
" 3—25 " " ".....	1.00
" 4—6 Varieties Choice Asters.....	.50
" 5—6 " Choice Pansies separate colors.....	.40
" 6—10 Varieties Pansies, including one pkt. "Greater Cleveland" Pansies...	.75

BULBS.

For Summer and Autumn Blooming.

Postage.—If desired by mail, add to catalogue prices, 5c. per dozen bulbs for Tuberous-Rooted Begonias; 10c. per bulb (first size), and 5c. per bulb (second size), for Caladium Esculentum; 5c. per plant for Cannas; 5c. per bulb for Lilies; 10c. per doz. bulbs for Gladiolus, Tuberose and Madeira Vines. Unless postage is included with the order, bulbs will be forwarded by express at expense of purchaser.

TUBEROUS ROOTED BEGONIAS.

Tuberous-rooted Begonias are among the handsomest and most popular of our summer-flowering bulbs, both for planting in the open border for summer decoration, and for growing in pots for the greenhouse, conservatory or sitting room. Nothing can excel the brilliancy of their colors, the delicacy of their tints, the richness of their waxy flowers and their graceful appearance in beds or borders.

Giant Flowering Varieties.

Single, White.....	Each, \$0.10	Per Doz. \$1.00
" Pink.....	" .10	" 1.00
" Scarlet.....	" .10	" 1.00
" Yellow.....	" .10	" 1.00
" Mixed.....	" .10	" 1.00
Double ".....	" .20	" 2.00

CALADIUM ESCULENTUM.

Elephant's Ears.



CALADIUM ESCULENTUM.

A very effective plant and suitable for either a single plant on the lawn, masses in beds, or for margins of water; its very distinct apron-like leaves often attain the length of three feet by twenty inches wide. Bulbs can be stored in dry sand in winter and kept from year to year.

Extra Large Bulbs, four to six inches in diameter, each 30c. to 50c.

First Size Bulbs, two and one-half to three inches in diameter, 15c. each; \$1.50 per doz.

Second Size Bulbs, one and one-half to two inches in diameter, 10c. each; \$1.00 per doz.

CANNAS.

Nothing is more effective for grouping on lawns or for large beds in parks than these ever-blooming Cannas. They commence flowering very soon after being planted out in the ground and continue until stopped by frost in the fall. Grown as pot plants they make beautiful, showy specimens for the porch during summer, and if taken into the conservatory or window garden before frost will continue to bloom all winter.

We furnish only started plants, well rooted and ready for rapid growth from the time they are planted out, which will be in this latitude about May 20th to 25th. They will prove to be more satisfactory than dormant roots.

Three Grand Orchid-Flowered Cannas.

Entirely distinct from the Dwarf French Cannas.

A new race which originated in Italy. Of strong growth, with handsome foliage; the flowers are very large and distinct in shape from all other Cannas, having a short throat, and broad finely ruffled petals which form a flat bloom, rarely measuring less than six inches across. Should be planted in a shaded situation.

Austria.—Has very broad bright green foliage a rank, vigorous grower, 4 to 6 ft. in height. Spikes slender and produced in abundance; flowers very large, of pure canary yellow, dotted with brown in the throat..... .20

Italia.—Is of a bright orange scarlet with a very broad golden yellow border; the flowers, which are produced on massive stems about 16 inches long, set well above the large heavy foliage. A remarkably free-bloomer, and one of the most magnificent of the gilt-edged sorts..... .25

Burbank.—The new California Hybrid with giant orchid-like flowers. The plant is a very strong grower, 5 to 6 feet high, with rich green leaves, very wide, and much thicker than those of ordinary Cannas, with a texture not unlike the rubber plant. The flowers are of gigantic size, the three upper petals spreading fully 7 inches; color—rich canary yellow with a few carmine spots in the throat..... .25

One each of the above Grand Orchid-Flowered Cannas for 60c.

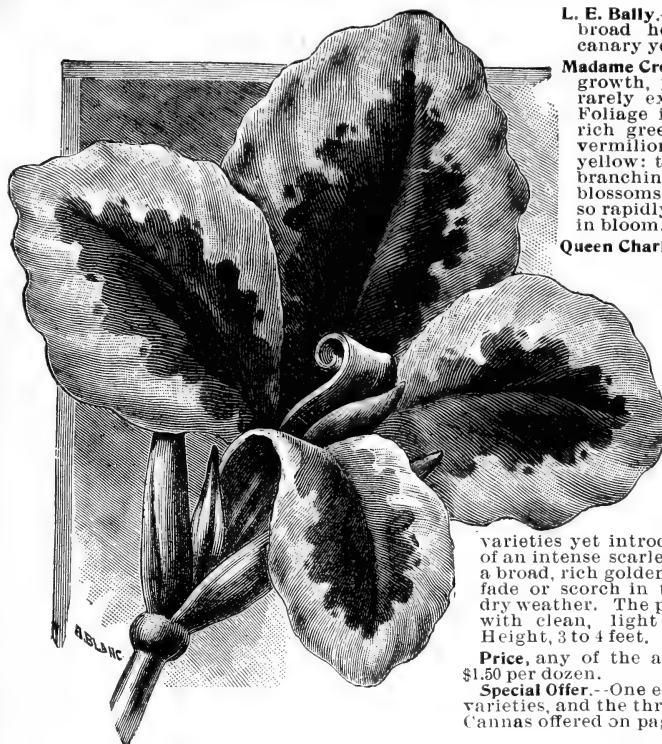
Dwarf French Cannas.

Collection of the Best Standard varieties.

The varieties offered in this collection are standard, well tried sorts. We can recommend them for all purposes, especially for massing in large quantities.



DWARF FRENCH CANNA.



QUEEN CHARLOTTE.

Admiral Avellan.—One of the best of the dark leaved varieties. Foliage clean deep purplish bronze. Very free bloomer, with good sized truss, borne well above the foliage. Flowers of good size, rich orange scarlet color. Plants erect, 4 to 5 ft. high.

Alphonse Bouvier.—This is one of the finest varieties ever introduced. It is a remarkably luxuriant and free grower, and for out door bedding is the grandest of all Cannas. In rich ground with good cultivation attains a height of six to seven feet. In color it is a rich brilliant crimson. Foliage, rich deep green.

Chas. Henderson—A grand variety that has become very popular. The flowers are a deep rich crimson, borne in compact symmetrical heads above a rich green foliage. In habit of growth the plant is compact and uniform, and rarely exceeds a height of three and one-half feet, making it a desirable companion to such varieties as Florence Vaughan and Madame Crozy.

Chicago.—Grand vermillion scarlet; flowers very large and flat, petals broad and five in number, composing a magnificent flower in a very large truss; of erect growth, 3 to 4 feet high; foliage bright green. One of the best scarlet Cannas extant.

Egandale.—An especially valuable bedding variety with dark foliage and strong, compact flower spikes; color cherry red. It is of compact, uniform growth, attaining a height of four feet

Florence Vaughan—Undoubtedly one of the finest yellows ever sent out; in color it is a rich golden yellow, spotted with bright red. The flowers are of largest size, great substance, perfect form and are borne in large heads and in the greatest profusion. The foliage is massive and of a rich green color; the plants rarely exceed three feet in height.

L. E. Bally.—Flowers very large, with broad heavy petals; color light canary yellow spotted with orange.

Madame Crozy.—Plant is of vigorous growth, yet very dwarf in habit, rarely exceeding 4 feet in height. Foliage is very massive and of a rich green; flowers are of deepest vermillion, bordered with golden yellow; they are produced on large branching stems, closely set with blossoms which follow each other so rapidly that the plant is always in bloom.

Queen Charlotte.—Entirely distinct in markings from any other variety. The flowers are large, with well rounded petals of intense scarlet crimson, and a broad rich golden yellow border. The flower spike, which is full and well formed, stands well above the leaves. The plant is handsome, with broad bluish green leaves; a sturdy compact grower and profuse bloomer; attains a height of about three feet.

Souvenir d'Antoine Crozy.

—One of finest gilt-edged varieties yet introduced. Flowers are large, of an intense scarlet crimson, bordered with a broad, rich golden yellow band, and do not fade or scorch in the most intense hot and dry weather. The plant is strong, vigorous, with clean, light green, narrow foliage. Height, 3 to 4 feet.

Price, any of the above collection, 15c. each, \$1.50 per dozen.

Special Offer.—One each of the above 10 choice varieties, and the three Grand Orchid-Flowered Cannas offered on page 54, for \$1.60.

GLADIOLUS.



GLADIOLI.

The Gladiolus is the most beautiful of the Summer Bulbs, with tall spikes of flowers, two feet or more in height, often several

from the same bulb. The flowers are of almost every desirable color.

The culture is very simple; they thrive in almost any good soil, except a stiff clay, require full sunlight, and are only liable to injury from rank manure. Plant the bulbs six to nine inches apart; the large ones four inches and the small ones two inches deep. Make an early planting of the smallest bulbs first, as soon as the ground is sufficiently dry and warm, and continue to plant at intervals of two weeks during the spring and early summer. In this way a succession of bloom may be had from midsummer until frost. In autumn, before freezing, they should be dug and dried, the earth and old roots removed, and then stored in a cool, dry place, secure from frost until spring.

Choice Named Gladioli.

The following are all choice sorts, and will give the best satisfaction. The varieties offered cover a wide range of color.

African , black crimson; white blotch, the darkest colored of all	Each. \$0.10	Per Doz. \$1.40
Bertha , brilliant light scarlet	.10	1.00
Brenchleyensis , bright scarlet	.05	.40
Ceres , white blotched rose	.05	.40
Eugene Scribe , tender rose blazed with carmine	.10	1.00
Isaac Buchanan , clear canary yellow	.05	.50
John Bull , white tinged sulphur	.05	.50
Mabel , deep pink, shaded carmine	.05	.50
Madam Monneret , rose pink	.05	.50
Marie Lemoine , cream white, spotted with purplish violet	.05	.50
May , white ground, penciled with crimson	.10	1.00
Snow White , pure paper white; the best white variety	.20	2.00

Fixed Gladioli.

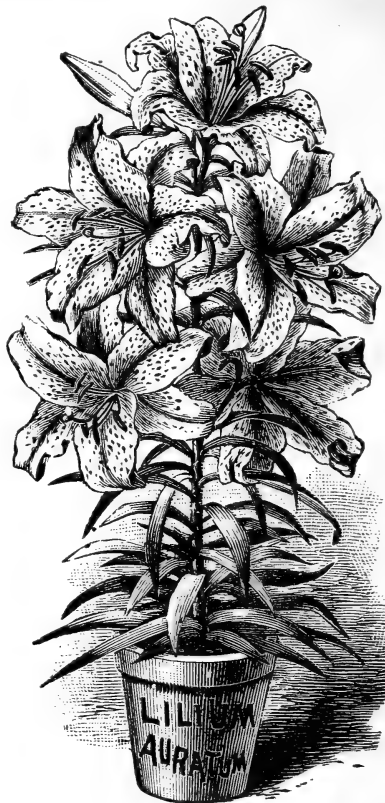
Lemoine's New Hybrids.—A remarkably beautiful class, with peculiar markings and gay colors; two or three weeks earlier than other sorts. Best mixed, containing every shade and color imaginable. Each 5c; per doz. 50c.

Cushman's Seedlings.—Splendid strain; scarcely two will be alike, and a hundred taken without selection will produce as many fine blooms as can be gathered promiscuously from as many named sorts. Each 5c, per doz. 50c.

	Each.	Doz.	100.
Shades of Red mixed	\$.03	\$0.25	\$1.50
White and Light mixed	.05	.40	3.00
Yellow mixed	.04	.40	3.00
Pink, Striped and Variegated	.04	.40	3.00
Extra fine mixed, all colors	.25	2.00	

LILIES.

The Lily has been, with eminent propriety, styled the "Queen of Flowers," and truly no flower conveys so adequate an idea of queenly beauty, majestic grandeur, and faultless purity as the Lily. Their culture is simple, and with a little care failure is impossible. The bulbs should be planted in spring, as soon as frost is out of the ground until the first of May; the earlier the better. Select a well drained spot, dig the soil deep and make it fine, enriching it abundantly with very rotten cow manure and adding a liberal mixture of sand. Set the bulbs from three to five inches deep, according to size. During the winter it is advisable to cover the surface of the bed with a thin layer of manure, which will not only afford a slight protection to the bulbs, but will materially enrich the soil. In spring the manure may be removed or dug in between the rows. Care should be taken that they have proper drainage, no water being allowed to stand around the roots. Once firmly established, they should not be disturbed oftener than once in five years.



Auratum. (Golden Banded Lily of Japan).

This magnificent Lily succeeds well everywhere. It is justly entitled to the name often given it, "The Queen of Lilies," as it is decidedly the most beautiful of all lilies. The immense flowers are produced in the greatest profusion, and are deliciously fragrant. In beauty of color and markings it surpasses all others. The large white petals are thickly spotted with rich chocolate crimson, and have a bright golden yellow band through the center of each.

	Each	Doz.
Extra large 11-13 in. cir.	\$.20	\$2.00
First size 9-11 in. cir.	.15	1.50

Speciosum Album—This is a pure white and very fragrant variety, 20c. and 25c. each; \$2.00 and \$2.50 per dozen.

Speciosum Rubrum—One of the best lilies. White, with band and spots of rose or crimson on each petal. The petals are beautifully recurved as shown in cut; 15c. and 20c. each; \$1.50 and \$2.00 per dozen.

Longiflorum—A well known white, trumpet-shaped Lily. Extra fine bulbs, 15c each; \$1.50 per doz.

Tigrinum, fl. pt (Double Tiger Lily) Grows from four to six feet high and produces an immense number of double, bright orange red flowers spotted with black. 10c. each; \$1.00 per dozen.

One bulb each of the above 5 varieties 60c.

MADEIRA VINE.

Tuberous rooted climber, with glossy, green leaves, and delightfully fragrant white blossoms. Sometimes called "Mignonette Vine." It is of rapid growth, and from a few tubers vines will be produced sufficient to cover one side of a cottage in a single season. The tubers are tender and must be protected from frost during winter. 5c. each; 50c. per dozen.

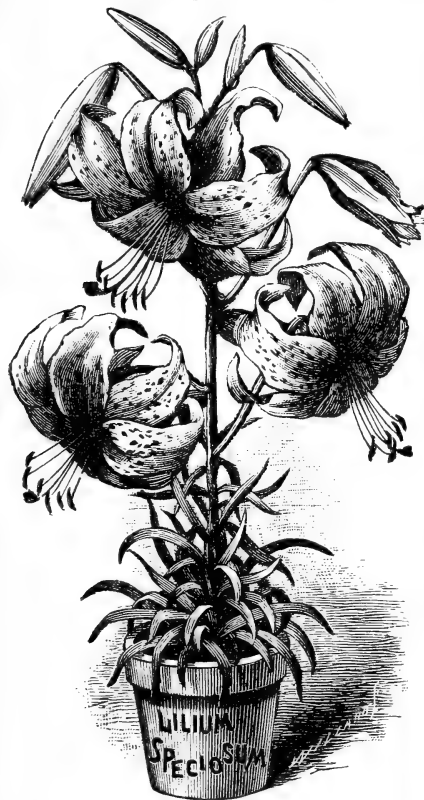
OXALIS, SUMMER FLOWER- ING.

They are charming for pots and hanging baskets, giving a graceful display of fine foliage and flowers.

The bulbs can be planted as early as May first and will produce quickly an unbroken row of elegant foliage and pretty flowers, that is maintained from early summer until late in fall. Per dozen 10c.; per 100 \$1.00.

CINNAMON VINE.

A beautiful rapid climber with very large heart-shaped leaves. Perfectly hardy, the stem dying down every autumn, but growing in spring so rapidly as to cover any trellis or arbor very early in the season. Large roots 5c. each; 50c. per dozen.



TUBEROSE.

One of the most fragrant and beautiful of the summer-flowering bulbs. By skilful management a succession of flowers may be obtained all the year round. For early flowers, they can be started in February or March in the greenhouse or hot-bed; and for a succession they may be planted at intervals as late as August. For flowering in the open border, plant about the first of May. Each bulb flowers but once, but the smaller bulbs can be set out for future flowering when the growth is complete.

Double Pearl.—This variety is characterized by its short, robust stem and long spikes of large flowers in great profusion, perfectly double and twice the size of the common Tuberose, while of equally delicious fragrance. Extra large bulbs, 3 for 10c., 25c. per doz., \$1.50 per 100.

Albino.—Flowers single, pure white, star shaped, with recurved petals; flower spike large, often branched. 3c. each, 30c. per doz., \$2.00 per 100.



DOUBLE PEARL TUBEROSE.



AMPELOPSIS VEITCHII.

HARDY BULBS AND VINES.

By express only; prices do not include prepayment.



PURPLE.] JACKMANII CLEMATIS. [WHITE.

AMPELOPSIS VEITCHII — Boston *Ivy or Japan Ivy.*

No picture can portray the beauty of this great climbing plant. It is adapted to all situations, and transforms the humblest cottage. It is entirely hardy in the most exposed places, attaining a height of twenty to thirty feet in two or three years, clinging to stones, brick or woodwork with the tenacity of ivy. The leaves, overlapping each other, form a dense sheet of green. For covering dead trees, rocks, walls, etc., it has no equal. In the summer the foliage is a rich shade of green, but in the fall it assumes the most gorgeous tints of scarlet, crimson and orange, so dazzling as to be seen at a great distance. Splendid field grown plants, very large, three years old, 20 cents each; \$2.00 per doz.

CLEMATIS

The Clematis is entirely hardy, and for covering large spaces quickly, is unrivaled. Blooms during the entire season, and embraces a great variety of color. Our list, while not extensive, includes the best varieties, such as we know to succeed best in our climate. The plants we offer are Holland grown, three and four years old; they are exceptionally strong, and will bloom with full vigor the first season. Plant any time from April to June. The plants must have a sunny location and good culture,

and should be pruned early in the spring. Many failures in the growing of Clematis are the result of too shallow planting; the crown of the roots should be set at least 3 inches below the surface of the soil.

Jackmanii.—A strong, healthy grower, and blooms with astonishing profusion from July to November, on shoots of present season. Flowers are of a deep velvety purple and very large.

Jackmani Alba. Pure white.

Lady Caroline Neville. Blush, white.

Gypsy Queen.—One of the best of the rich purple varieties; a strong grower and a free bloomer.

Henry.—Creamy white, large and handsome.

Kermesina.—Crimson flower, small but profuse bloomer.

Each 60c.; per dozen, \$6.00.

HYDRANGEA—Hardy Variety.

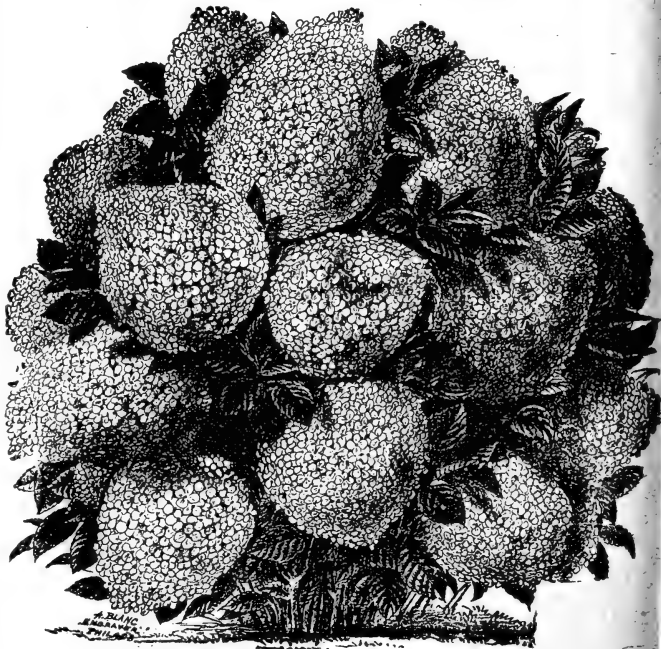
Paniculata Grandiflora.—Few plants have the grace and beauty of this grand shrub. It grows in any soil, and blooms the first year it is set out; flowers abundantly, bearing large panicles of bloom, white at first, and changing to a deep pink as the season advances. Used largely in cemeteries. Field grown plants, two to three feet, 25 cents each; \$2.50 per doz.

HERBACEOUS PÆONIES.

Hardy.

Magnificent hardy plants, almost rivaling the rose in brilliancy of color and perfection of bloom. Some of the varieties are very fragrant. They require little or no care and produce larger and finer blooms when well established.

We have a choice assortment of these beautiful plants in shades of red, pink, scarlet and white. Price, each 25c. Set of twelve varieties \$2.50.



HYDRANGEA PANICULATA GRANDIFLORA



WE ARE CLEVELAND AGENTS FOR

Bowker's Special Manures, Fertilizers, Chemicals, Etc.

THEY ARE

SOLUBLE, ACTIVE, SURE.

Manufactured by THE BOWKER FERTILIZER CO., Boston and New York.

The Bowker Fertilizer Company is the original and largest manufacturer of special fertilizers in the country, and its output amounts to more than 100 tons for every working day in the year.

A Complete Catalogue of Bowker's Fertilizers will be mailed upon application.

STOCKBRIDGE (SPECIAL COMPLETE) MANURES.

These celebrated fertilizers are special fertilizers made for different crops or classes of crops; but not only go further and cost less per acre, but furnish to growing crops at the right time, in the right forms, and in the right proportions, all the elements they need for perfect maturity.

Potato Manure, Corn and Grain Manure, Grass Manure, Top Dressing, Seeding } Per Bag, 100 lbs. Per Ton.
Down Manure, Root Manure, Asparagus Manure. Celery Manure, Lettuce and } \$2.25. \$45.00
Spinach Manure, Pea and Bean Manure, Cabbage and Cauliflower Manure.....

Bowker's Potato and Vegetable Manure.—This is a high-grade fertilizer manufactured especially for potatoes, but will give good results on any other root crop. It is second only in analysis to our Bowker-Stockbridge Potato Manure. It is sold at a lower price than the Stockbridge brand, and is a popular potato fertilizer among those who have used it. The demand for it increases steadily, from which it is safe to say that it has given excellent results. Per sack, 200 lbs., \$3.75; per ton, \$33.00.

Hardwood Ashes (from Canada).—Unleached and Unadulterated. "Nature's Plant Food." Everybody knows the value of ashes. *They are no experiment.* As is well known, ashes are not a complete, balanced fertilizer. They lack ammonia and phosphoric acid, but they contain potash and lime, both of which are essential not only as plant food, but also as sweeteners of the soil and solvents of other plant food ingredients. They are considered especially valuable as a top dressing for grass land and lawns, and also for use in connection with stable manure, or where the soil is rich from previous manuring and needs something to quicken and sweeten it. 10 lbs., 25c; 25 lbs. 50c; 50 lbs., 75c; per bag, 100 lbs., \$1.00; per ton \$18.00.

Nitrate of Soda (95 per cent. Pur ty.)—A fertilizer for all crops; valuable solely for the nitrogen it contains, equal to 20 per cent. of Ammonia. It is chiefly a stimulant, is very quick in action and hastens maturity of crops fully two weeks. Being extremely soluble should not be applied until the plants are above ground, when 100 to 250 lbs. per acre may be sown, mixed with wood ashes or land plaster for convenience in applying. Per lb., 10c; 5 lbs., 30c; 10 lbs., 50c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50; per bbl., 200 lbs., \$6.50.

Peruvian Guano—Peruvian Guano is one of the most powerful stimulants for plants and growing crops. For pot plants it should always be used as a liquid, ½ lb. to 8 or 10 gallons of water, applied once a week. When used in a dry state should be mixed with loam or plaster, not with lime, ashes or clay, nor should it come in contact with growing plants. The quantity used per acre is 300 to 400 lbs. Ten per cent. Ammonia. Per lb., 10c; 5 lbs., 40c; 10 lbs., 75c; 25 lbs., \$1.50; 100 lbs., \$5.00.

LAWN FERTILIZERS.

FINE GROUND BONE.

Bone meal is recognized as the best all around Fertilizer for the garden, lawn and farm. It decomposes slowly in the soil, the finer particles being immediately beneficial, the coarse keeping up the supply of plant food for a long period. It never burns the plant, whether applied as a top-dressing or directly to the roots. Our bone meal is very fine—evenly ground—rich in natural ammonia and free from adulterations of any kind or nature. Per lb., 5c; 10 lbs., 30c; 50 lbs., \$1.25; 100 lbs., \$2.00; per sack, 200 lbs., \$3.50; ton, \$28.00.

BOWKER'S LAWN AND GARDEN DRESSING.

It is an odorless, dry chemical powder, containing all the enriching qualities of stable dressing in a form easy to apply. It is applied in a dry state, like wood ashes, and will produce a strong, compact turf, covered with a luxuriant healthy growth of rich green grass. Used in the garden, it produces beautiful flowering plants and delicious early vegetables. As it is made wholly from chemicals and by a chemical process, it is entirely free from disease germs and weed seeds; it is not a stimulant, but a perfect food for grass and other plants. Special Circular Free. 10-lb. bag, 50c; 25-lb. bag, \$1.00; 50-lb. bag, \$1.75; 100-lb. bag, \$3.00.

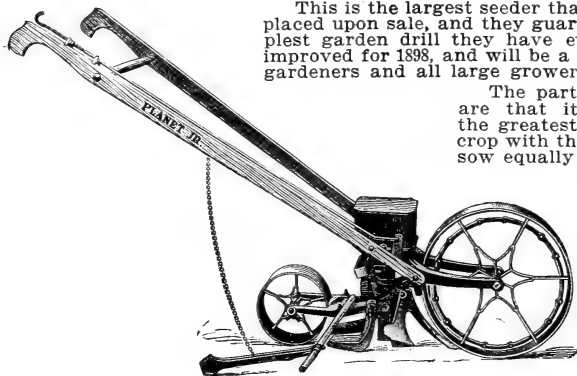
GRANULATED TOBACCO AND SULPHUR.

Has no equal as a lawn dressing; it is convenient in form, easy of application, and will not burn or injure the lawn. For garden or field purposes it is invaluable. In flower beds, or in potting plants, the granulated tobacco stems mixed with the soil, in a proportion of about one part to five of soil, will produce lasting effects for the entire season. It will destroy all grubs that infest potatoes and strawberries, and produce a large rapid growth. Per lb. 5c; 10 lbs. 30c; 50 lbs. \$1.25; bbl. of 200 lbs. \$5.00, per ton \$45.00.

"PLANET JR." GARDEN TOOLS FOR 1898.

Space will not permit illustrating and describing all of the "Planet Jr." tools, but we will gladly send a fully illustrated catalogue to any who desire it; and we can supply promptly anything ordered. "Planet Jr." goods are standard machines, the best on the market. In sending your orders to us, you can rely on getting bottom prices.

THE "PLANET JR." No. 5 HILL DROPPING SEEDER.

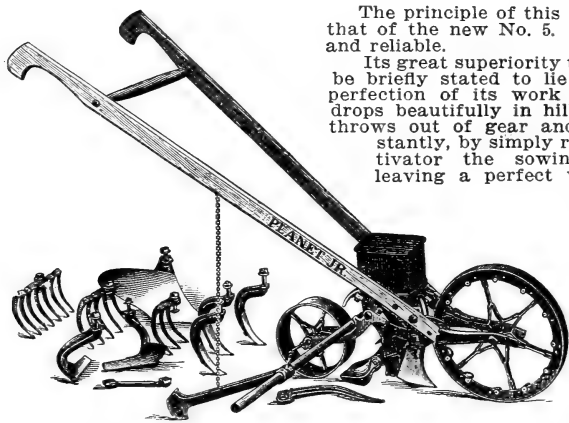


This is the largest seeder that the manufacturers have ever placed upon sale, and they guarantee that it is the best and simplest garden drill they have ever made. It has been greatly improved for 1898, and will be a general favorite with market gardeners and all large growers.

The particular advantages of this seeder are that it drops in hills or drills with the greatest accuracy, thus insuring a good crop with the smallest amount of seed; it will sow equally well with a full hopper or when containing only a single paper of seed; it can be thrown out of gear and the flow of the seed stopped instantly; it can be set to sow various kinds of seed quickly, accurately and easily, and will not get out of order; in other words it is a machine you can depend on, which is just as important in making a crop as to have good seed.

Price, \$12.00.

THE "PLANET JR." No. 4 COMBINED HILL DROPPING SEEDER AND SINGLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW.



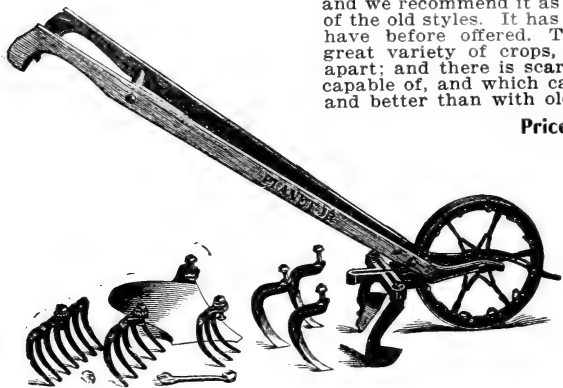
The principle of this tool as a seeder, is identical with that of the new No. 5. It is just as accurate, as simple and reliable.

Its great superiority to all other combined seeders, may be briefly stated to lie in its low price, large size, the perfection of its work as a seeder, the fact that it drops beautifully in hills as well as drills, and that it throws out of gear and cuts off the flow of seed instantly, by simply raising the handles. And as a cultivator the sowing parts are entirely removed leaving a perfect wheel hoe with malleable rapid

change frame and an unequalled variety of tools. It combines conveniently in a single garden implement, a capital hill dropping and a continuous row seeder, with the most perfect and complete single wheel hoe, cultivator, rake and plow that the most particular can desire.

Price, Complete \$10.00
As a Drill only 7.00

THE "PLANET JR." No. 15 SINGLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW.



For 1898 we offer the No. 15 Single Wheel Hoe, greatly improved. It is the latest and best in every particular, and we recommend it as superior in many respects, to any of the old styles. It has a greater variety of tools than we have before offered. These adapt the implement to a great variety of crops, and work at different distances apart; and there is scarcely any garden culture it is not capable of, and which cannot be done with it more easily and better than with older patterns.

Price, Complete, \$6.00.

With one pair hoes, 3 cultivator teeth, plow, 7 tooth rake and leaf lifter \$5.00
With one pair hoes, 3 cultivator teeth and leaf lifter 4.00
With one pair 6-in. hoes 3.00

Send for "Planet Jr." Catalogue. It illustrates and describes all "Planet Jr." tools. We sell them all.

**The "Planet Jr." No. 3
HILL DROPPING SEED DRILL.
Price \$9.00**

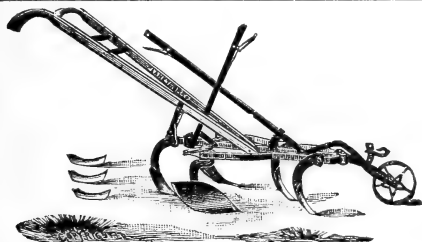


**"Planet Jr."
Fertilizer and
Pea Drill.**

Complete - - \$14
Without Opening
Plow, Coverer,
Roller & Marker, \$12

"PLANET JR." No. 10, Double Wheel Hoe,
Cultivator, Rake and Plow.
Complete, (with 12 attach-
ments) - - - \$6.00
Plain, with Hoes only, 3.50

"FIRE FLY," Single Wheel Hoe, \$3.75
"FIRE FLY," Wheel Garden Plow, 2.00

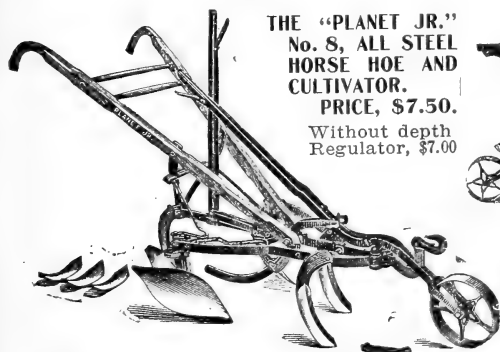


"PLANET JR." No. 6 Horse Hoe and Cultivator.
Price \$6.75.

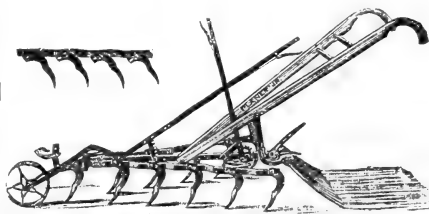
"PLANET JR." No. 11.
Double Wheel Hoe, Cultivator, Rake
and Plow,
Complete, (with 16 attachments) - \$8.00
Less rakes and one pair of hoes 6.00
With one pair of 6-in. hoes only - 4.00

"PLANET JR."
No. 5 Horse Hoe and Cultivator
Has lever expander, but not lever wheel.
With Wheel, \$6.25
Without Wheel, 5.50

"PLANET JR."
No. 4 Horse Hoe and Cultivator.
Is without lever expander and lever wheel.
With Wheel, \$5.50
Without Wheel, 4.75



**THE "PLANET JR."
No. 8, ALL STEEL
HORSE HOE AND
CULTIVATOR.
PRICE, \$7.50.**
Without depth
Regulator, \$7.00



"PLANET JR." TWELVE TOOTH HARROW.
Price Plain - - - \$4.90
With Wheel - - - 6.15
Complete - - - 7.50

We can furnish extras or repairs for
any of the "Planet Jr." Tools.
Send for Price List of Repairs.

MATTHEW'S GARDEN SEED DRILL.

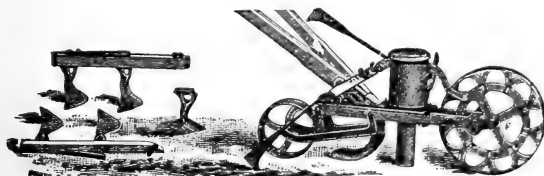
A standard and well-known drill. It has been improved from time to time and is now acknowledged to be one of the most perfect drills made. Price \$5.00.

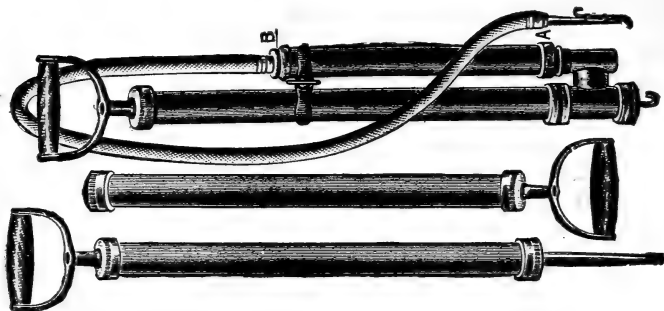
MATTHEW'S NEW UNIVERSAL GARDEN DRILL.

This drill is the same as the Matthew's Garden Drill except that the frame is iron. It has the patent indicator and new seed cut-off, and is in every way a desirable tool. Price, \$5.00.

**MATTHEW'S DRILL, CULTIVATOR
AND HOE COMBINED.**

When used as a drill it possesses all the features of the separate Matthew's Drill, except it is of a smaller size. Very efficient either as a drill or cultivator, Price \$6.50.





The New Wonder Spray Pump.

The Best, Cheapest and Easiest Working First-Class Spraying Outfit in the World. Is a combination of three complete brass machines,—a spraying pump, agricultural syringe, and veterinary syringe.

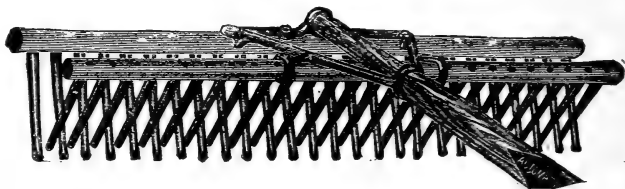
Price, \$6.00.



KNAPSACK SPRAYER.

For applying poisonous liquids, such as Paris Green water, etc., on grape vines, trees, bushes, potatoes, garden vegetables, etc.

Price, \$3.50.



Automatic Self Cleaning Lawn Rake, 22 teeth, 60c; 26 teeth, 75c.

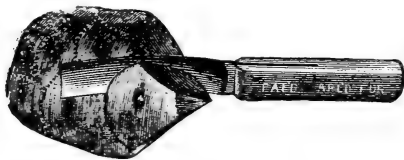
CLEVELAND LAWN WEEDER.



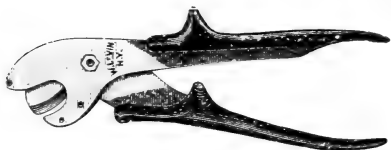
Price, 50c.

Rakes, garden, steel, 12 in.....	40c
14 in.....	50c
malleable, 12 in.....	25c
14 in.....	30c
Lawn, 20 in.....	50c
wooden, 22 teeth.....	30c
26 teeth.....	40c
Seeders, broadcast, "Little Giant" (crank).....	\$1.75
Sprinklers, plant, rubber, small 50c, large 80c.....	
Thermometers, tin japanned, 8 in.....	15c

Dibbles, all iron.....	50c
Grass Edging Knife, long handle.....	35c
Grass Shears.....	25c
Hoes, square.....	25c, 30c and 35c
Plaster Sifter.....	50c



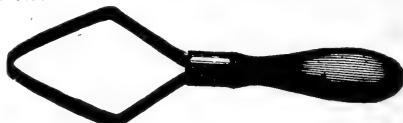
Potato Knife.....	30c
Powder Guns, "Jumbo".....	25c
"Cyclone".....	15c
Pruning Shears, common.....	45c
French, 9 in.....	75c
10 in.....	90c



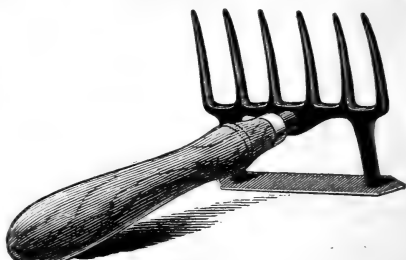
Pruning Shears, Levin's medium size.....	60c
large size.....	75c
Putty Bulb, rubber, for glazing.....	80c



Trowels, solid steel.....	15c
ordinary.....	10c
Trowels, Cleve's Angle, 5 in., 15c; 7 in., 20c; 8 in.....	25c.



Weeding Hook, for hand use.....	10c
Fork.....	10c
Weeders, hand, Lang's, per doz \$2.50; each.....	25c
Hazelbine.....	25c



Weeders, hand, Noyes'.....	25c
Combination.....	25c

INSECT DESTROYERS.

Hellebore, Pure Powdered White.—For the destruction of slugs, worms, caterpillars, etc. Less poisonous than London Purple and Paris Green, and safer to use when fruits or vegetables are nearly ripe. Per lb. 25c.

London Purple.—One of the best destroyers for insects. It is less dangerous than Paris Green, but equally efficacious, and more soluble in water. 1 lb. boxes, per box, 25c; 5 lb. boxes, per lb. 20c.

Paris Green, Pure.—Valuable for destroying potato bugs. Very poisonous but invaluable on the farm or garden. Per lb. 30c.

Tobacco Stems.—Indispensable for fumigating greenhouses and conservatories. Per lb. 5c., per bale of 50 lbs. \$1.00.

Flour of Tobacco and Sulphur (Rose Brand).—A valuable insecticide for Plants, Trees, Sheep, Cattle, Dogs, Horses, Poultry and domestic use. It is not poisonous, and has the double advantage of being a fertilizer as well as an insecticide. It will prevent and cure mildew on grape vines and rose bushes; will destroy the green and black fly, grubs, cut worms, lice, and the eggs of insects, mealy bug and vine bugs of all kinds. It is said to be a sure cure for the green cabbage worm. Small size package 25c., large size package, 50c. (Circulars free.)

Whale Oil Soap.—An effectual remedy for destroying and preventing insects on plants, trees, vines, etc., and for washing down the barks of trees, grape vines, etc. In paste-board boxes, ¼ lb. box, 5c; ½ lb. box, 10c, 1 lb. box, 20c.

BOOKS ON AGRICULTURE, ETC.

Gardening for Profit, by Peter Henderson. Written particularly for the market gardener and truck farmer, yet is of equal value for large private gardens. New edition, entirely re-written, and greatly enlarged; 375 pages. Cloth, fully illustrated, price, postpaid, \$2.00.

"Vegetables for the Home Garden." A recent publication compiled and issued by W. Atlee Burpee & Co. It is indispensable to the beginner and useful even to the professional gardener. It is brief, clear and reliable. Contains concise cultural directions for all our common garden vegetables, gives the latest and best methods of planting, cultivation, varieties, etc. Paper, 125 pages; price, postpaid, 10c.

"Flowers for Every Home" Tells how to grow flowers successfully indoors and out. Fully illustrated; price, postpaid 10c.

"Sweet Peas Up to Date" An interesting and instructive book on the culture of Sweet Peas. Price postpaid, 10c.

Bulb Culture, by Peter Henderson Gives descriptions of bulbs, alphabetically arranged, with special cultural instructions for each; paper, 24 pages. Price, postpaid, 25c.

BOWKER'S

Ammoniated Food for Flowers.

The Original and Most Concentrated HOUSE PLANT FOOD
Manufactured in this Country.

A fertilizer made from chemicals and prepared especially for plants grown in the house, garden or conservatory. It is clean, free from odor, harmless to use, largely soluble in water, and produces healthy plants free from vermin, and early abundant blossoms, to which it imparts a rich and brilliant color. Will keep any length of time. It is used by thousands of housekeepers and florists all over the country.

Prof. Maynard's little book "Window Gardening," free with every package.

Prices. Small size package, containing sufficient plant food for 20 plants for three months, 15c. Large size package, containing sufficient plant food for 20 plants for one year 25c. Full directions with every package.



SUNDRIES.

Grafting Wax, ¼ lb. package 10c., ½ lb. package 15c., 1 lb. package 25c.

Grain Bags—2 bu. each, 15c.; per 100, \$12.00.

Hot Bed Mats—Frost proof, made of Burlap and duck cloth, lined with combination wool and quilted. They are excellent substitutes for straw mats; warmer, more easily handled, less bulky, and do not harbor mice or vermin. Dry out quickly after rain.

No. 1, Burlap Cloth, size 40x76 inches, 50c; 76x76 inches, 75c.

No. 2, Duck Cloth outside, size 40x76 inches, 75c.; 76x76, \$1.00.

No. 3, Waterproof, made of Oil Duck, size 40x76, \$1.00; 76x76, \$1.50.

Raffia—For tying plants, vegetables, etc. Per lb., 20c.; 10 lbs., \$1.50.

Marlin—Tarred Cord, used for making straw mats for hot beds, etc.

2-ply, per lb., 12½c.; per 100 lbs., \$12.00.

3-ply, per lb., 12½c.; per 100 lbs., \$12.00.

Spagnum Moss, extra clean, for florists' use.

Burlap bales, each, \$1.25; 5 bales, \$6.00.

Tin Foil, 5 inches wide. 2 lbs., 25c.; 10 lbs., \$1.00; 50 lbs., \$4.50; 100 lbs., \$8.50.

Tooth Picks—C. T. & Co.'s first quality. 1 box, 10c.; 3 boxes, 25c.; 7 boxes, 50c.; 17 boxes, \$1.00.

Twine—2-ply jute per lb., 8c.; 100 lbs., \$7.50.

3 " " 8c.;

4 " " 8c.

3-ply white cotton, per lb., 18c.

22c.

Flax warranted free from jute, per lb., 25c.

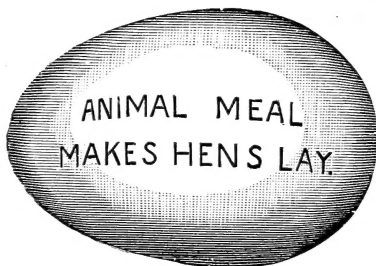
No. 1 hem, 2 and 3-ply, per lb., 12c.

Baling Twine, per lb., 25c.

AMERICAN GARDENING.

A weekly illustrated journal devoted to Gardening and Fruit Culture in the Open and Under Glass, Landscape Art, Forestry, Home Ground Improvement, Bees, Poultry, Birds and Dogs.

Valuable for Planters and Gardeners of all classes. \$1.00 per year. We take subscriptions.



POULTRY FOOD, ETC.

BOWKER'S ANIMAL MEAL FOR FOWLS AND PIGS.—It is not a medicine but a true egg-producing, flesh and bone forming food, and supplies just what laying hens and growing chicks require, and takes the place of all other animal food as well as ground bone or crushed oyster shells. It is prepared from fresh meat and fresh bones carefully selected, dried and ground to a sweet meal. It should never be fed dry or alone, but should be fed in connection with other foods made into a mash. Ask for pamphlet called "The Egg." It is a valuable little book, treating upon the care of poultry. Per lb, 5c, 10 lbs. 40c, 25 lbs. 75c, 100-lb. bag, \$2.50.

RUST'S EGG PRODUCER.

Makes fowls vigorous and healthy, shortens the moulting period, prevents and cures leg weakness, etc., and is just what is needed to make poultry keeping profitable. Hens must lay when you feed with it.

1 lb box, 25 cents; if by mail, 44 cents.
2½ lb " " 50 " " 94 "

6 lb " \$1.00) These three sizes are too large for mail-
10 lb " 1.50) ing, but can be sent by express or freight
25 lb " 3.50)



RUST'S HAVENS' CLIMAX CONDITION POWDER.

An invaluable cure for gapes, fowl cholera and other diseases of poultry, and equally good for all kinds of stock.

13 oz box, 25 cents; if by mail, 40 cents.

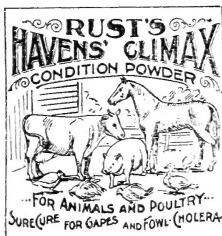
32 oz " 50 " 85 "

5 lb " \$1.00)

8 lb " 1.50)

20 lb " 3.50)

These three sizes are too large for mail-
ing but can be sent by express or freight.



RUST'S HAVENS' ROUP PILLS.

Harmless and effective; the best remedy ever discovered for Roup, Catarrh, Colds, etc.

Box of 50 Pills.....25 cents

" 250 ".....\$1.00

MAILED ON RECEIPT OF PRICE.



CRUSHED OYSTER SHELLS.

One of the most important articles for the poultry yard through the winter and should be liberally supplied to fowls to supply lime. It is a substitute for bone, being cheaper. Per lb. 2c., 10 lbs. 15c., 25 lbs. 30c., sack of 100 lbs. 75c.

GRANULATED BONE.

Is about the size of wheat or cracked corn, and can be fed like any other food in grain. About one handful for every five fowls, daily. It furnishes a valuable food for poultry at all seasons of the year. Per lb. 5c., 10 lbs. 40c., 50 lbs. \$1.50, sack of 100 lbs. \$2.75.

Valuable Pamphlet on Poultry Keeping and our price list of Poultry and Pigeon Foods mailed free.

STANDARD FLOWER POTS.

Size.	Each.	Per Doz.	Per 100.	Per 1000.	Size.	Each.	Per Doz.	Per 100.	Per 1000.
2 inch.....	\$.01.....	\$.09.....	\$.55.....	\$ 4.50	7 inch.....	\$.08.....	\$.85.....	\$ 5.00.....	\$38.00
2½ ".....	.01.....	.11.....	.70.....	5.00	8 ".....	.12.....	1.15.....	7.00.....	60.00
3 ".....	.02.....	.12.....	.80.....	6.50	9 ".....	.16.....	1.75.....	11.00.....	90.00
4 ".....	.03.....	.25.....	1.20.....	10.00	10 ".....	.20.....	2.00.....	14.00.....	120.00
5 ".....	.04.....	.35.....	2.50.....	18.00	11 ".....	.25.....	2.50.....	17.50.....	150.00
6 ".....	.06.....	.55.....	3.50.....	25.00	12 ".....	.25.....	2.75.....	20.00.....	180.00

POT STANDS OR SAUCERS.

Size.	Each.	Per Doz.	Per 100.	Size.	Each.	Per Doz.	Per 100.
4 inch.....	\$.02.....	\$.20.....	\$.80	9 inch.....	\$.05.....	\$.50.....	\$3.60
5 ".....	.03.....	.25.....	1.15	10 ".....	.06.....	.60.....	4.50
6 ".....	.04.....	.30.....	1.75	11 ".....	.08.....	.75.....	5.50
7 ".....	.04.....	.35.....	2.25	12 ".....	.10.....	1.00.....	7.00
8 ".....	.05.....	.40.....	2.60				

Pots and Saucers are of white color except 2 inch to 4 inch Pots, which are dark red.

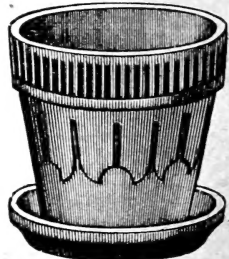
PAINTED POTS AND SAUCERS.

These are fancy Pots and Saucers beautifully painted. They are very ornamental, and prices are nearly as low as those of plain goods. These prices are for Pots with Saucers.

Size.	Each.	Per Doz.	Per 100.	Size.	Each.	Per Doz.	Per 100.
4 inch.....	\$0.07	\$0.60	\$3.40	8 inch.....	\$0.18	\$1.75	\$11.50
5 ".....	.08	.75	5.50	9 ".....	.25	2.50	16.00
6 ".....	.10	1.00	6.50	10 ".....	.30	3.00	20.00
7 ".....	.15	1.40	8.25				

250 at 1000 rate. 25 at 100 rate. ½ dozen at dozen rate.

We have a large stock of Flower Pots, all sizes, constantly on hand, and will quote special wholesale prices on large quantities, to Florists or Dealers.



VALUABLE TABLES.

Quantity of Seed requisite to produce a given number of plants and sow an acre of ground.

	Quantity per acre.
Artichoke, 1 oz. to 500 plants	$\frac{1}{2}$ lb.
Asparagus, 1 oz. to 200 plants	5 lbs.
Barley	$\frac{1}{2}$ bu.
Beans, dwarf, 1 qt. to 150 ft. of drill	$\frac{1}{4}$ bu.
Beans, pole, 1 quart to 200 hills	$\frac{1}{2}$ bu.
Beet, garden, 1 oz. to 100 feet of drill	10 lbs.
Beet, Mangel, 1 oz. to 150 feet of drill	6 lbs.
Broccoli, 1 oz. to 3,000 plants	5 oz.
Broom Corn	10 lbs.
Brussels Sprouts, 1 oz. to 3,000 plants	5 oz.
Buckwheat	$\frac{1}{2}$ bu.
Cabbage, 1 oz. to 3,000 plants	5 oz.
Carrot, 1 oz. to 150 of drill	3 lbs.
Cauliflower, 1 oz. to 3,000 plants	5 oz.
Celery, 1 oz. to 10,000 plants	4 oz.
Clover, Alsike and White Dutch	5 lbs.
" Lucerne, Large Red and Crimson Trefoil	3 lbs.
" Medium	10 lbs.
Collards, 1 oz. to 2,500 plants	6 oz.
Corn, sweet, 1 quart to 500 hills	8 qts.
Cress, 1 oz. to 150 feet of drill	8 lbs.
Cucumber, 1 oz. to 80 hills	$\frac{1}{4}$ bu.
Egg plant, 1 oz. to 2,000 plants	8 oz.
Endive, 1 oz. to 300 feet of drill	3 lbs.
Flax, broadcast	$\frac{1}{2}$ bu.
Garlic, bulbs, 1 lb. to 10 feet of drill	$\frac{1}{2}$ lbs.
Gourd, 1 oz. to 25 hills	$\frac{1}{2}$ lbs.
Grass, Blue, Kentucky	$\frac{1}{2}$ bu.
" Blue, English	$\frac{1}{2}$ bu.
" Hungarian and Millet	$\frac{1}{2}$ bu.
" Mixed Lawn, 1 lb. to 600 sq. ft.	3 to 5 bu.
Orchard, Perennial Rye, Red Top,	
" Fowl Meadow and Wood Meadow	2 bu.
" Timothy	$\frac{1}{4}$ bu.

	Quantity per acre.
Hemp	$\frac{1}{2}$ bu.
Kale, 1 oz. to 3,000 plants	2 lbs.
Kohl, Rabi, 1 oz. to 300 feet of drill	$\frac{1}{2}$ lbs.
Leek, 1 oz. to 250 feet of drill	4 lbs.
Lettuce, 1 oz. to 250 feet of drill	3 lbs.
Martynia, 1 oz. to 50 feet of drill	10 lbs.
Melion, Musk, 1 oz. to 100 hills	2 lbs.
" Water, 1 oz. to 25 hills	3 lbs.
Nasturtium, 1 oz. to 50 feet of drill	10 lbs.
Oats	$\frac{2}{3}$ bu.
Okra, 1 oz. to 50 feet of drill	10 lbs.
Onion Seed, 1 oz. to 200 feet of drill	4 to 5 lbs.
" for Sets	30 to 50 lbs.
Onion Sets, 1 quart to 20 feet of drill	8 bu.
Parsnip, 1 oz. to 250 feet of drill	5 lbs.
Parsley, 1 oz. to 250 feet of drill	8 lbs.
Peas, garden, 1 quart to 150 feet of drill	2 bu.
" field	$\frac{2}{3}$ bu.
Pepper, 1 oz. to 1,500 plants	4 oz.
Potatoes	6 bu.
Pumpkin, 1 quart to 300 hills	4 qts.
Radish, 1 oz. to 150 feet of drill	8 lbs.
Rye	$\frac{1}{2}$ bu.
Salsify, 1 oz. to 60 feet of drill	8 lbs.
Spinach, 1 oz. to 150 feet of drill	10 lbs.
Summer Savory, 1 oz. to 500 feet of drill	2 lbs.
Squash, Summer, 1 oz. to 40 hills	2 lbs.
" Winter, 1 oz. to 10 hills	3 lbs.
Tomato, 1 oz. to 3,000 plants	3 oz.
Tobacco, 1 oz. to 5,000 plants	2 oz.
Turnip, 1 oz. to 250 feet of drill	$\frac{1}{2}$ lbs.
Vetches	2 bu.
Wheat	1 to 2 bu.

Number of Plants or Trees to the Acre at given distances.

Dis. apart.	No. Plants.
$\frac{1}{2}$ foot	174,240
1 "	43,560
1 $\frac{1}{2}$ foot	19,360
2 "	10,890
2 $\frac{1}{2}$ "	6,969
3 feet by 1 foot	14,520
3 " 2 feet	7,260
3 " 3 "	4,840
4 " 1 foot	10,888
4 " 2 feet	5,444
4 " 3 "	3,629
4 " 4 "	2,722
5 " 5 "	1,742

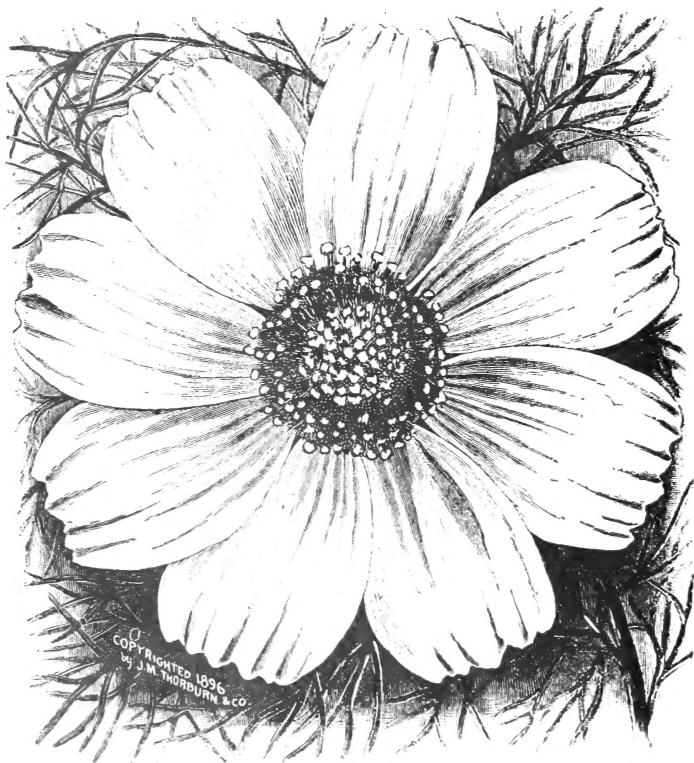
Dis. apart.	No. Plants.
6 feet	1,210
7 "	889
8 "	680
9 "	573
10 "	435
11 "	360
12 "	302
15 "	193
18 "	134
20 "	108
25 "	69
30 "	49

Weights of Various Articles in the State of Ohio.

	per bu.	48 lbs.
Apples	22 "	
" dried	48 "	
Barley	60 "	
Beans	50 "	
Buckwheat	46 "	
Broom Corn	14 "	
Blue Grass, Kentucky	24 "	
" English	20 "	
Bran	60 "	
Canary Seed	46 "	
Castor Beans	60 "	
Clover Seed	50 "	
Corn, shelled	68 "	
" on ear	50 "	
Corn Meal	22 "	
Charcoal	80 "	
Coal, Mineral	70 "	
Coal, Cannel	40 "	
Coke	40 "	
Cranberries	32 "	
Dried Peaches	56 "	
Flax Seed	44 "	
Hemp Seed	50 "	
*Hungarian Grass Seed	60 "	
Irish Potatoes, heaping measure	50 "	
Millet	34 "	
Malt	32 "	
Oats	33 "	
Osage Orange	14 "	
Orchard Grass	50 "	
Onions		

	per bu.	48 lbs.
Peaches	60 "	
Peas	8 "	
Plastering Hair	40 "	
Popcorn	50 "	
Rape	56 "	
Rye	14 "	
Red Top Seed	50 "	
Salt, coarse	50 "	
" Michigan	56 "	
Sweet Potatoes	50 "	
Timothy Seed	45 "	
Tomatoes	50 "	
Turnips	60 "	
Wheat	60 "	
Beef and Pork per bbl., net	200 "	
Flour, per bbl., net	196 "	
White Fish and Trout, per bbl. net	200 "	
Salt, per bbl.	280 "	
Lime, per bushel	70 "	
Hay, well settled, per cubic foot	4 $\frac{1}{2}$ "	
Corn, on cob, in bin,	22 "	
Corn, shelled,	45 "	
Wheat,	48 "	
Oats,	25 $\frac{1}{2}$ "	
Potatoes,	38 $\frac{1}{2}$ "	
Sand, dry,	95 "	
Clay, compact,	135 "	
Marble,	169 "	
Seasoned Beech Wood, per cord..	5,616 "	
" Hickory,	6,960 "	

*In Chicago and all the other large seed markets of the country Hungarian is sold at 48 lbs. per bushel, so we are compelled to conform, and we buy and sell 48 lbs per bushel.



NEW COSMOS-GIANT EARLY FLOWERING FANCY